



الاسئلة الخاصة بأطباء الاسنان

*Choose the correct answer from the following statements

-) Vasoconstrictors are
 - a) lidocaine
 - b) adrenaline
 - d) sulpha
 - c) all of the above
- 2) When we extract roots we start with
 - a) forceps
 - b) periosteal elevators
 - c) elevators
 - d) needles
- In case of bad odor in the entrance of the pulp we
 - a) extract the tooth
 - b) remove the pulp
 - c) R.C.T
 - d) none
- 4) Insulin is a medicine fo
 - a) hypertension
 - b) cardiac diseases
 - c) diabetes
 - d) de rease in platelet count
- 5) In case of infiltration anesthesia we give
 - a) sub mucosal
 - b) intraosseous
 - c) sub periosteal
 - d) none
- 6) In case of infiltration we give
 - a) anti inflammatory
 - b) antibiotic
 - c) a and b



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- d) none
- 7) For the mandible we prefer
 - a) infiltration
 - b) block
 - c) intraossous
 - d) none
- B) The patient who have not breakfast, we never give him anesthesia because
 - a) hyperglycemia
 - b) hypoglycemia
 - c) increased heart rate

- - a) maxillary nerve
 - b) infra orbital
 - c) mandibular
 - d) all of the above
- 3) Alginate contains calcium sulphate in concentration of
 - a) 40%
 - b) 50%
 - c) 12%
 - d) none
- 4) The main cause of inflammation of gingiva (gingivitis)
 - a) smoking
 - b) calculus
 - c) bacteria
 - d) fluoride
- 5) The peridontium is composed of

- a) bone + cement
- b) periodontal ligament + gingiva
- c) a+b
- d) none

16) Permanent restoration is

- a) calcium hydroxide
- b) amalgam
- c) alginate
- d) zinc oxide eugenol

(7) Composite is used mainly for

- a) anterior teeth
- b) posterior
- c) a+b
- d) none

(8) Elastic impression material is

- a) rubber
- b) Plaster
- c) zinc oxide
- d) compound

9) For injection local anesthesia in the lower jaw we use

- a) short needle
- b) long
- c) none

20) In case of advanced upper is to the lower this is called

- a) angle class I
- b) angle class II
- c) angle class M
- d) All of the above

21) The pregnant coman is suffering from

- a) ging val recession
- b) pregnant granuloma
- c) Periapical abscess
- d) none

22) The best method for brushing

- a) vertical
- b) horizontal
- c) bass sulcular method
- d) all of the above

23) Apicoectomy means

a) surgical removal of the apical portion of the root

- b) removal of one or more roots
- c) the root and the crown are cut lengthwise
- d) none

24) Amputation means

- a) surgical removal of the apical portion of the root
- b) removal of one or more roots
- c) the root and the crown are cut lengthwise
- d) none

25) Hemisection means

- a) surgical removal of the apical portion of the root
- b) removal of one or more roots
- c) the root and the crown are cut lengthwise
- d) none

26) The instruments for examination are

- a) probe and tweezer
- b) mirror
- c) a + b
- d) amalgamator

27) Panorama x-ray is used for

- a) Periapical tissues
- b) interproximal caries
- c) giving complete picture or upper and lower jaw
- d) none

28) Adrenaline is added to local anesthesia for

- a- increasing the respiratory rate
- b- prolonging the effect of local anesthesia
- c- iecreasing the bleeding
- d-none

... Is a white lesion

- a hehen planus
- b- cancer
- c- heamatoma
- d-none

B0) fordyce's spots is on

- a-tongue
- b- oral mucosa
- c- upper lip
- d-throat

..... Is an anticoagulant agent

- a- aspirin
- b- heparin
- c- paracetamol
- d- evex

For treatment of pericoronitis

- a- extraction of the tooth
- b- analgesic + sterility + antibiotic
- c- cleaning with concentrated phenol
- d-none

33) Duct of submandibular gland is

- a- warter
- b- bartholin
- c-barvenous
- d-stenson

34) leukoplakia is present on

- a- the mouth
- b- eye
- c- heart
- d-lungs

B5) Cranial nerves are

- a- 12 nerves
- b- 14
- c- 10
- d-16

36) Muscles of the tongue are

- a- 17
- b- 18
- c- 19
- d-20

B7) Attrition may be caused by

- a-motion due to pipe
- b- friction during sleep
- c- gastric acid
- d-none

88) Sterilization in dry oven

- a- one hour at 160 c
- b- 90 minutes at 160 c
- c- two hours at 160 c
- d-none

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89) Sterilization in autoclave

- a- 20-30 minutes at 121 c
- b- 2-10 minutes at 134 c
- c- a+b
- d-none

40) According to the universal system

- 6 means
- a- upper left first molar
- b- lower left first molar
- c-lower right first molar
- d-none

gent is composite b- Glassionomer c- fluoride d- zinc oxide eugenol 13) One of the following releases fluorides a- composite b- Glassionomer c- fluoride d- zinc oxide euger 1) The roots of the ferr a- cer

- b-lower molar
- c- upper molar and premolar
- d-none

45) Cross bite means

- a upper teeth occlude inside the lower teeth
- b- upper teeth occlude outside the lower
- c- a and b
- d- none

46) The efficiency of the autoclave is decreased due to

- a- sterilization without cleaning the instruments
- b- over loading
- c- dry blood on the instruments
- d- all of the above

47) Sterilization is

- a- killing of bacteria and virus
- b- killing fungus and bacteria
- c- killing virus, bacteria. And bacteria spores
- d- none

48) The food which build new cells

- a- carbohydrates
- b- proteins
- c- fats
- d- minerals

c- 24 hours d- 48 hours 80) Brushing of the anterior teeth from the lingual side is a- vertical b- horizontal c- oblique d-none 1) Tooth paste with fluoride is a- systemic application b- topical application c- a+b d-none 1) When tooth per

- a- not swallow b- swallow a small amount
- c- do not rinse
- d-none

Fluoride b water its concentrate 53)

- a 2 ppm
- b- 1 ppm
- c-3 ppm
- d- none

54) Too much ingestion of fluoride may lead to

- a- dental caries
- b- dental fluorosis
- c- gingivitis
- d- none

55) When we delay the cleaning, sterilization of instruments we put it in

- a- holding solution
- b- sodium hypochlorite
- c-a+b
- d-none
- 56) Burs is
 - a- critical items
 - b- semi critical
 - c- non critical
 - d- all of the above
- 57) Patient positions are
 - a- upright position
 - b- supine position
 - c- sub supine
 - d- all of the above
- 8) For the right handed dentist seated to the right of the patient the
- o erator zone is between
 - a-8 and 11 o'clock
 - b- 2 and 4 o'clock
 - c- 11 to 2 o'clock
 - d- all of the above
 - 9) For right handed dentist, the static zone is between
 - a- 8-11
 - b- 11 2
 - c- 2-4
 - d- all of the above
 - 60) For right handed demast, the assistant's zone is between
 - a- 8-11
 - b- 11 🖈
 - c- 1
 - d- all of the above
 - 61) Mouth mirror is
 - a- critical items
 - b- semi critical
 - c- non critical
 - d- all of the above
 - 62) Before doing vitality pulp test, the tooth must be
 - a- moist
 - b- dry
 - c- moist or dry not affect
 - d- none

63) Saliva ejector is placed

- a- at the side of working
- b- under the tongue
- c- opposite the working side
- d-b+c

64) **HVE** is placed

- a- at the side of working
- b- under the tongue
- c- opposite the working side
- d-b+c

65) Grasping the HVE is by

- a- thumb to nose grasp
- b- pen grasp
- c- a+b
- d- none

66) **Deficiency of vit C leads to**

- a- scurvy
- b- anemia
- c- richet
- d- defect in blood clotting

Deficiency of vit K leads to **67**)

- a- scurvy
- b- anemia
- c- richet
- d- defect in blood clotting

68) Deficiency of vit D leads to

- a- scurvy
- b- anemia 🚜
- c- richet
- d- defect in blood clotting

69) Carbohyd ate is digested in

- a- mouth
- b- small intestine
- c- large intestine
- d- none

70) Carbohydrate is essential for

- a- building the body
- b- supplying the body with energy
- c- a+b
- d- none

Secondary dentin is formed as response to 71)

in a south of the second of th

- a- zinc oxide eugenol
- b- calcium hydroxide
- c- zinc phosphate cement
- d- none

72) For itching we use

- a- lactic acid
- b- phosphoric acid in conc. 37-50%
- c- phosphoric acid in conc. 70%
- d- none

73) For cementation of crown we use

- a- amalgam
- b- Ca OH
- c- zinc polycarboxylate
- d- none

74) Intra oral film used for nasal sinus is

- a- periapical film
- b- occlusal
- c- bite wing
- d-panoramic film

75) Intra oral film used for detection of stone in salivary gland duct

- a- periapical film
- b- occlusal
- c- bite wing
- d- none

76) Impression material used to make partial denture is

- a- plaster
- b- compound
- c- wax
- d- alginat

77) The transprission of HIV is like

- a-influenza
- b- hepatitis A
- c- hepatitis B
- d- herpes simplex

78) For protection of the pulp from heat and cold we line the tooth with

- a- alginate
- b- zinc phosphate cement
- c- nickel chrome
- d- plaster

79) The most important disadvantage of alginate is

- a- easily broken
- b- easily reading of the margins
- c- shrinkage
- d- none

80) Patient has sensitivity to penicillin we use

- a- tetracycline
- b- erythromycin
- c-chlorohexdine
- d- all of the abo

Diabetic patient is suffering from increased liability to caries due to

- a- side effect of the drugs
- b- dry mouth
- c- hyperglycemia
- d-none

During cavity preparation a pin hole exposure is done, the treatment is

- a- extraction
- b-R.C.T
- c- direct pulp capping (Ca OH)
- d- amalgam filling

33) For removal sub gingival calculus, we use

- a- manual scaler
- b- curette
- c- amalgamator
- d-non

84) Disadvantages of amalgam

- a- it is easily to broken
- b- expensive
- c- its color not like the tooth
- d- all of the above

85) Vaccination for hepatitis is available for

- a-hepatitis A
- b- hepatitis C
- c- hepatitis B
- d-none

86) Hemophilia is

- a- infectious disease transferred to the males
- b- hereditary disease transferred to females only
- c- hereditary disease transferred to males only
- d-none

87)	One of the following is transferred through the semen
	a- hepatitis A
	b- hepatitis C
	c- hepatitis B
	d- hepatitis B and AIDS
88)	Patient of angina pectoris is put Under the tongue
	a- aspirin tablet
	b- paracetamol tablet
	c- nitroglycerin tablet
	d- none
89)	The most important advantage of GIC is
	a- cheap
	b- easily to be prepared
	c- releasing fluorides
	d- mechanical bonding to tooth
PO)	Sensitive tooth to heat and cold treated by
	a- antibiotic
	b- brushing of the teeth
	c- topical application of fluorides
	d- amalgam filling
91)	Any patient of must referred to the hospital for extraction
	a- diabetic patient
	b- epileptic
	c- hypertensive
	d- hemophilic
92)	Eruption of the first deciduous tooth at
	a- 2 years
	b-6-7 month
	c-4 years
	d-none
93)	One of the causes of dislocation of TMJ
	a-hard food
	b- opening mouth for long time
	c- smoking
	d- none
94)	one of the following causes staining of the teeth
	a- aspirin
	b- tetracycline
	c- erythromycin
	d- all of the above
95)	Safe analgesic with pregnant woman
94)	a- aspirin b- tetracycline c- erythromycin
P 5)	Safe analgesic with pregnant woman

	a- brufen
	b-aspirin
	c- paracetamol
	d-none
(6)	The deciduous dentition means
	a- anterior teeth
	b- permanent dentition
	c- primary dentition
	d- none
7)	Dental treatment of cardiac patient must done under coverage of
.,	a- analgesic
	b- antibiotic
	c- insulin
	d- cortisone
8)	The patient can not open his mouth due to swelling, the x-ray is
0)	a- periapical
	b- bitewing
	c-occlusal
	d-panorama
9)	One of the duties of dental assistant is removal of the sutures
<i>' ' ' ' ' ' ' ' ' '</i>	a- yes
	b- no
	c- may be
	d- none
00)	
.00)	a- vit A
	b- vit K
	c- vit C
	d- vit B
01)	
UI	a-dentist throw the tooth
	b- dentist prepare the wound to implant the tooth
	c- dentist take the history and then implant the tooth
	d- dentist call the police before any donning thing
02)	
· • •)	a- raise temperature of processing solutions
	b- lowering temperature of processing solutions
	c- lowering conc. Of developer
	d- lowering conc. Of fixe
03)	•
.00)	
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- a- upper central
- b- lower central
- c- third molar
- d- first premolar

04) Premature loss of deciduous teeth leads to

- a- improvement esthetic of child
- b- strengthening muscles of child
- c- crowding of permanent teeth
- d-none

Josing pits and fissures c-killing bacteria d- all of the above 106) The main cause of failure retention of upper denture a- against gravity b- resorption of alveolar bone c-shortage of denture margins d- all of the above 17) The best type of fixed bridge a- fixed – free bridge b- cantilever bridge c- bonded bridge d- fixed – fixed bridge i) Patient came 4 loration d scoloration of his eyes. He may be

- a- suffer from SIT troubles
- b- cardiac patient
- c- hepatic patient
- d- suffer from renal disease

09) The largest major salivary gland is 111

- a- Parotid
- b- Sub-Mandibular
- C-Sub-Lingual
- d- Labial glands

10) The smallest major salivary gland is

- a-parotid
- b-sub-Mandibular
- c-sub-lingual
- d-labial glands

11) The cone of x-ray is made of

a- aluminium

b-lead

c-plastic

d-lead or plasti

12) Tetracycline medication causes staining

a- intrinsic

b-extrinsic

c-black

d-none of the above

13) Zinc oxide eugenol is considered

a-permanent filling

b-temporary filling

c-pulp capping material

d-none of the above

14) Calcium hydroxide (CaOH)

a-permanent filling

b-temporary filling

c-pulp capping

d-none of the above

15) Flouride tooth paste is considered_mainl

a-topical application of fluoride

b- systemic application of fluoride

c-a&b

d-none of the above

16) Sterilization is a responsibility of

a- dental assistant

b- dentist 🔹

c- administrative

d- none of the above

17) Non-resorbable suture is

a-catgut

b-silk

c-a&b

d-none of the above

18) The minimal education required for a dental hygienist is

a-2 academic years

b-3 academic years

c-4 academic years

d-5 academic years

19) Dental hygienist performs the following

a-Charts of oral cavity

b- measure the depth of periodontal pocket

c- performs dental prophylaxis and exposes ,processes x-ray

d-all of the above

The tongue papillae is responsible for acid taste() 20)

a-in the tip of the tongue

b-in the margin of the tongue

c- along the sulcus

d- none of the above

c-ethmoid d-frontal The largest and strongest bone in the skull is a-cranium b-bone of the face c-mandible d-none of the above The largest cranial nerve in the skulls a-optic b-olfactory c-trigeminal(5th) d-glosso- 24) On-

24) One of the following is anti-coagulant

a-heparin

b-warfarin 🚜

c-asprin

d-all of the above

25) One of the following is not intra-oral film(extra-oral)

a-peri-apical

b-bite-wing

c-occlusal

d-panoramic

26) Soft debris (materia-alba) is removed by

a-excavator

b-rinsing(mouth wash) or water irrigating device

c-scaler

d-none of the above

27) Protein is essential for

a-supply energy

b-build body tissues

c-regulating calcium and phosphorus

d-essential for blood clotting

28) One of the following is water soluble

a-vitamin-A

b-vitamin-D

c-vitamin-C

d-vitamin-B

29) Identification methods of plaque are by

a-disclosing agent

b-direct vision

c-tactile

d-all of the above

30) The dentist must follow the following steps before any examination

a-wearing the gloves

b-washing hands and wearing the gloves

c-washing hands ,dryness and wearing the gloves

d-none of the above

31) Irregular arrangement of teeth and cowdening means

a-normal occlusion

b-mal-occlusion

c-a&b

d-none of the above

32) One of the following ceptent releases fluoride

a-zinc phosphate sement

b-poly carbox date cement

c-glass jonomer cement d-none of the above

33) For cemediation of bridges we use

a-glass iononmer cement

b-zinc phosphate cement

c-a&b

d- calcium hydroxide

134) One of the following is a provisional crown except

a- preformed polymer crown

b- preformed polycarbonate crown

c- stainless steel crown

d- a porcelain jacket crown

135) One of the following is not an esthetic restoration

- a- glass inomer
- b- composite
- c- silicate cement
- d- amalgam

136) Inlays are

- a- cast restoration
- b- covering a portion of the occlusal surface and proximal surface
- c- resembling class II
- d- all of the above

137) Onlays are

- a- cast restoration
- b- covering the proximal surfaces and most of the occlusal surface
- c- resembling a multi surface restoration
- d- all of the above

138) The three quarter crown

- a- does not cover the entire portion of the cro
- b- the facial or buccal surface is un changed
- c- is made of porcelain
- d- all of the above

139) All of the following are indirect restorations except

- a- onlays
- b- inlays
- c- veneer crown
- d- amalgam

140) Resin-bonded bridge is

- a- known as a Maryland bridge
- b- consisted of bonding with wing-like extensions
- c-bonding of these extensions to the lingual surfaces of the adjacent teeth
- d- all of the above

141) One grant arbohydrate or ptotien gives

- a-1 calorie
- b- 2 calories
- c- 3 calories
- d-4 calories

142) One gram fat gives

- a- 4 calories
- b- 7 calories
- c-8 calories
- d- 9 calories

143) Polishing of the teeth is done by

- a- dentist
- b- dental assistant
- c- hygienist
- d- administrative assistant

144) In relation to the operator, the DA should be positioned

- a- lower than the operator
- b-higher than the operator
- c- the same level with the operator
- d-none the

145) saliva contains

- a-calcium
- b-phosphate
- c-phosphorus
- d-all of the above

146) We use tin oxide to polish

- a- porcelaien
- b- composite
- c- amalgam
- d- glass inomer cement

ior 147) which of the following roots have bifurcation

- A-lower molars
- b- upper molars
- c-lower premolars
- d- canines

148) which elevator used to inter bifurcation

- a-cross bar
- b-straight ape
- c-curved hospital
- d-none of the above

149) which of the following is not considered primary cement

- a-polycarboxylate cement
- b-phosphate cement
- c-calcium hydroxide
- d-ZOE zinc oxide eugenol

150) primary usage of ZOE

- a-control bleeding
- b-root canal filling
- c-linear
- d-temporary filling

151) which of the following is considered as a linear

- a- amalgam
- b- composite
- c- calcium hydroxide
- d- all of the above

152) The size of x-ray film for adult is

- a- zero
- b- 1
- c- 2
- d-3

153) x-ray film for periapical tissue is

- a- occlusal film
- b- bite wing film
- c-periapical film
- d- all of the above

154) The upper surface of the tounge is

- a- ventral surface
- b- proximal surface
- c- dorsum surface
- d- mesial surface

155) The medicine used for allergy is

- a- analgesic
- b- antibiotic
- c- antihistaminic
- d- antirheumatic

156) Mouth wash may be

- a- cosmotic
- b- therapeutic
- c- a and b
- d-none of the above

157) The hand instrument used for removal soft caries is

- a-carver
- b- low speed hand piece
- c- explorer
- d- excavator

158) Oral prophylaxis means

- a- amalgam filling
- b- composite filling
- c- scaling and bolishing
- d- all of the above

159) For patient with large caries we take x-ray

tissue is

ounge is

- a- once a year
- b- every six month
- c- do not take x-ray
- d- none of the above

160) The least favourable method for cleaning the instruments is

- a- ultrasonic cleaning\
- b- manual claning
- c-washer cleaning
- d- all of the above

- b- autoclave
- c- disinfectants and protective barriers
- d- all of the above

164) The dressing used after surgery is

- a- glass inomer cement
- b- zinc phosphate cement
- c- zinc oxide eugenol paste
- d- all of the above

165) Rubber dental dam is used to

- a- disinfect the field
- b- isolate the saliva
- c-protect the patient from swallowing the fine instrument
- d-b and c

166) The cotton rollos are used for isolation during

- a- amalgam filling
- b- composite filling
- c- fissure sealant application
- d- all of the above

167) Finctions of the nose include

a-dry heat

a- olfactory b- resonance of voice c- protective d- all of the above 168) maxillary nerve is a branch of the-----cranial nerve b- 3 c- 4 d- 5 169) The maxillary artery has-----branches b- 6 d- 3 c- 5 170) Parts of the skull include a- cranium b- bone of the face d- all of the above c- mandible 171) The bones of the skull are joined together by b- dentine a- cement d- all of the above c- sutures 172) The -----separates the two parital bones b- coronal a- sagittal c-lamboid d-non of the above 173) The face is composed of----a- 4 c- 5 174) The weakest part of the upper jaw a- maxillary sinus b- zygomatic process d- frontal process c- canine eminence 175) Upper teeth ,bone of makilla are supplied by-----nerve b- mandibular a- maxillary c- auditory * c- optic 176) The posterior superior dental nerve supplies a- the 3 molar b- the canine c. the premolars d-incisor 177) A term meaning a tooth is fused to bone is a – hypercementosis b – ankylosis c – ectodermal Dysplasia d – none Of the above 178) Caries on the tip of the cusp or incisal edge is a- class I b- classII c- classIII

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d-classVI

179) Caries on occlusal and proximal surfaces is

- a- class I
- b- classII
- c- classIII
- d-classVI

180) The primary (first) caries lesion is

- a- secondary caries
- b- rampant caries
- c- incipient caries
- d- all of the above

181) In syncope

- a-skin is turned reddish in colour
- b- blood pressure is increased
- c-skin is turned bluish
- d- none of the above

182) Insulin is given for

- a- high blood sugar level
- b- low blood sugar level
- c- hypertension
- d- hypotension

183) The x-ray film in paralleling technique is

- a- paralled to the lower jaw
- b- paralled to the floor
- c-paralled to the long axis of the tooth
- d- all of the aqbove

184) The first dental X-ray was made by

- a- Wilhelm Roentgen
- b- dr. Raper
- c- Otto Walk Holf
- d- Non of the above

185) Introduction of bite wing technique was by

- a- Dr.H.Raper
- b-Otto Walk Hoff

colour sed

- c-Pierre Fauchard
- d- None of the above

186) Areas of black appear in X-ray film are called

- a- Radiopaque
- b- Radiolucent
- c- A and B
- d- Non of the above

187) Collimator of X-ray is used

- a- To restrict the size and shape of the beam
- b-To decrease facial exposure
- c-Improve image quality
- d- All of the above

188) X-ray travels at the speed of light

- a- 220 miles/ second
- b- 186 miles / second
- c- 200 miles / second
- d- None of the above

189) Image density is

- a The ability to define different gray scale
- b The degree of blackening of the radio graph
- c The ability to trace boundaries between two different object
- d The ability to define images of small separate structure

190) image resolution is

- a the ability to define different gray scale
- b the degree of blackening of the radio graph
- c the ability to trace boundaries between two different object
- d the ability to define mages of small separate structure

191) image fogging is an

- a image size distortion
- b image shape distortion
- c image with uneven distribution of blackening
- d non of the above

192) X-ray was discovered by

- a- Ott Walk Hoff
- b- Wilhelm Roentgen
- c-Pierre Fauchard
- d- None of the above

193) Electrons are

- a- Negatively charge
- b- positively charge
- c- Neutrally charge
- d- None of the above

194) White area in X-ray film is called

- a- Radiolucent
- b- Radiopaque
- c- A and b
- d- All of the above

195) All of the following are the components of the intra oral x-ray film except

- A Base
- B Collimator
- C Emulsion
- D Wrapping

196) Impression is a-

a-negative replica b-positive replica

c-record form of tissues d- a& c

197) Plaster impression:

a-elastic impression b-inelastic impression

c-reversible hydrocolloid d-elastomers

198) Compound impression used as:

a-impression tray if final impression taken using other material

b-full jaw impression in edentulous mouth

c-single impression with copper band

d-all of the above

199) Zinc oxide eugenol impression composition

a- two paste one called base & other called catalyst

b- thermoplastic material c-zic oxide & water

d- non of the above

200) Main disadvantage of zinc oxide eugenol impression

a-inelastic so don't record indercut

b-irritant cause burning sensation

c-can adhere to tissue so coat patient lip with petroleum jelly

d-all of the above

201-Alginate impression:

a-elastomerie b-reversible hydrocolloid

c-inelastic d-irreversible hydrocolloid

202- Polyvinyl siloxane

a-addition silicone b- condensation silicone

c-polysulfide d-polyether

203-Synerisis:

a-material absorb water & shrink

b- material loose water & shrink

c- material loose water & swell

d-material absorb water & swell

204 - The production of a porcelain jacket crown involves

a – compaction

b – firing

- c glazing
- d all of the above

205- All of the following are the disadvantages of amalgam restoration except

- a Lack of adhesive to tooth structure
- b Non-aesthetic
- c High strength
- d Non of the above

206 – Alloys must be

- a Soft
- b Hard enough to resist wear
- c Not too hard
- d All of the above

207 - Proportional limit is

- a The rigidity or stiffness
- b The amount of stress required to produce permanent deformation of a material
- c The amount of stress required to produce change in length
- d Non of the above

208 - Deformation of a metal or alloy due to high temperature, is termed

- a Corrosion
- b Ductility
- c Malleability
- d Sag

209- The degree to which a material can be permanently deformed by a tensile force without under going fracture is termed

- a Malleability
- b Ductility
- c Proportional limi
- d Sag

210 – The degree to which a material can be deformed by compressive force without undergoing fracture

- a Corrosion
- b Malleability
- c Ductility
- d Modulus of elasticity

211 - All of the following are the advantages of amalgam restoration except

- a High strength
- b Easy clinical handling
- c Low cost
- d Lack of adhesive properties and non-aesthetic character

212- All of the following are the advantages of polyether impression material except

- a Stiff
- b Fast Setting

- c Clean
- d Delay pouring

213 – Investment is used

- a For taking as impression material
- b For casting
- c For cementation
- d For restoration

214 - All of the following are the requirements of an ideal investment except

- a It should be easily manipulated
- b It should produce a smooth surface
- c It must decompose at high temperature
- d It must be porous

215 - During casting the shrinkage of gold can be accomplished (compensated) by

- a Expansion of the wax pattern
- b Setting expansion of the investment
- c Thermal expansion of the investment
- d All of the above

216- To prevent oxidation of the gold alloy during casting we use

- a The cooling system
- b Flux
- c Borax
- d Non of the above

217 - When two or more metals are mutually soluble in each other, this is termed

- a Liquidus
- b Solidus
- c Alloy
- d Non of the above

218 – The temperature below which a metal is completely solid (i.e the temp at which it begins to melt)

- a − SoLidus
- b Liquidus
- c Allov
- d Non of the above

219- Corrosion is important for dental alloy because corrosion can lead to

- a Smoothing of the surfaces
- b Strengthen of the restoration
- c Liberation of elements from the alloy can produce discoloration of solt tissues and allergic reaction
- d None of the above

220- Impression material must have

- a- Appropriate working and setting time
- b- Adequate flow properties
- c- Minimal dimensional change

d- All of the above

221- The impression material should have

- a- High flow properties
- b- Adequate flow properties
- c- Less flow properties
- d- None of the above

222- The alginate impression material can be classified as

- a- Elastic impression material
- b- Inelastic impression material
- c- Gypsum impression
- d- None of the above

223- One from the following is elastic impression

- a- Rubber impression
- b- Plaster impression
- c- Compound impression
- d-Zinc oxide eugenol impression

224- Plaster impression is used in

- a- Dentulous jaw
- b- Edentulous jaw
- c- Single impression
- d- Quadrant impression

225- The following impression material can not be used in undercut

- a- Alginate
- b- Plaster
- c- Agar
- d- Rubber

226 - Hydrocolloid impression can be disinfected through

- a- Soaked in the disinfection solution
- b- By autoclave
- c- The disinfected agent is sprayed on the exposed surface
- d- Dry heat oven

227 – When two or more metals are mutually soluble in each other, this is termed

- a Liquidus
- b Solidus
- c Alloy
- d Non of the above

228- The highest resistance impression material to tearing is

- a Zinc oxide eugenol
- b Alginate
- c Agar
- d Polysulfide

229- Clinical dental assistant is defined as

- a- Chairside assistant
- b- Circulating assistant
- c- A and B
- d- Administrative assistant

230- The circulating assistant

- a- Mixes dental material
- b- Is responsible for seating and dismissing patients
- c- Provides oral evacuation
- d- Exchanges instruments

231- In the dental clinic the carpet is suitable

- a- In the clinical areas
- b- In the administrative areas
- c- In the dentist s private office
- d-B and C

232- Upright position of dental chair is used for

- a- Entery and dismiss of patient
- b- Working on patient s lower side
- c- X- ray and impression taking
- d- All of the above

233- Black s instrument formula is a formula of

- a- Two sets
- b- Three sets
- c- Four sets
- d- Five sets

234 - The examination instruments include the following except

- a Mouth mirror
- b Explorer
- c Excavator
- d Cotton pliers

235 – Explorer is used for

- a Detection of caries
- b removal of calculus
- c Retraction of tongue
- d Non of the above

236 - The working end of hand instrument

- a It is where the dentist grasps or hold the instrument
- b It is the part that attaches the working end to the handel
- c It is the portion of the instrument with specific function
- d Non of the above

237 – Hand cutting instruments include the following excpt

- a Exacavator
- b Chisel
- c- Hoe
- d Spatule

238 - Carver is used

- a For condensation amalgam
- b For removing excess material
- c For smoothing the surface amalgam
- d For carring of amalgam

239 - Rotatory instrument are used for

- a Cutting of tooth structure
- b Polishing the restorotions
- c Finishing of tooth structure
- d All of the above

240 – Intra oral low speed hand piece is used for

- a Trimming and contouring of temporary crowns
- b Trimming of dentures
- c Trimming of orthodontic appliance
- d Non of the above

241 – Ultra sonic hand piece is used for

- a Removal of decay
- b Preparation for crown and bridge
- c Prophylaxis (scaling)
- d All of the above

242 – The types of burs are

- a Round bur
- b Inverted by
- c Fissure bur
- d All the above

243 - Most dedtal treatment is provided with the patient in

- a The supine position
- b The upright position
- c Sub-supine position
- d Non of the above

244 - A non traffic area where equipment can be placed

- a Operator's zone
- b Assistant's zone
- c Transfer's zone
- d Static's zone

245 – The area where the person completing the procedure is seated

- a Operator's zone
- b Assistant's zone
- c Transfer's zone
- d Static's zone

246 – The assistants must practice the following guidelines for correct positioning in the stools except

- a Seated in an erect position
- b Feet resting on the floor
- c Positioned as close as possible to dental chair
- d Eye level 4 to 6 inches above that of operator

247 - This charting symbol (-) means

- a Tooth partially erupted
- b Tooth present and sound
- c Tooth missing
- d Tooth to be extracted

248 – This charting symbol (/) means

- a Tooth present and sound
- b Tooth unerupted
- c Tooth missing
- d Tooth to be extracted

249 - SM means

- a Study model
- b Gutta percha
- c Infiltration injection
- d Complete denture

250 - Hand instruments are designed with

- a One apecific part, the handle
- b Two specific parts, the handle and the shaft
- c Three specific parts, the handle, the shaft, and the working end
- d Non of the above

251 - You must recap the needle by

- a Your two hands
- b One hand technique
- c A mechanical device
- d B and C

252 – Aspiration is done by

- a The saliva ejector only
- $b-High\ volume\ evacuator\ only$
- c A and B
- d None of the above

253- Amalgamator is used for

- a Trituration amalgam
- b Curing composits
- c Preparation the temporary filling
- d All of the above

254 - Using the international system, the number 45 is indicated to

- a Upper right second Premolar
- b- Lower right second premolar
- c Upper left second premolar
- d Lower left second premolar

255 - Rubber dam provides

- a A barrier technique
- b It protects the tooth from contamination
- c Helps the patients to avoid swallowing of dental material
- d All of the above

256 - Operative dentistry is concerned with

- a Extraction of the teeth
- b Restoring (filling) the decayed teeth
- c Making the dentures
- d Prophylaxis and scaling the teeth

257 - The most commonly used tooth colored restorative material is

- a Amalgam restoration
- b Gold restoration
- c Composite resin
- d Zinc-phosphate cement

258- Chairside assistant is referred as

- a- Six handed technique
- b- Four handed technique
- c-Two handed technique
- d- All of the above

259- Clinic en ironment includes

- a-Temperature
- c- Wall and floor covering
- b- Lighting
- d- All of the above

260- Subsupine position is

- a- Comfortable position
- b- Uncomfortable position
- c- Used for emergency and unconscious patients
- d-B and C

261- When the patient's head is lower than the feet the dental chair is in

- a- Supine position
- b- Sub supine position
- c-Upright position
- d- Non of the above

262- According to the international system the number 43 means

- a- Maxillary left canine
- b- Mandibular left canine
- c- Maxillary right canine
- d- Mandibular right canine

263 - The mirror is used for

- a Indirect vison
- b Light rsflection
- c Retraction of tongue and cheek
- d All of the above of the above

264 - Periodontal probe is used for

- a Tissue protection
- b- Carring small objects
- c Light reflection
- d Measuring pocket depth

265 - The shaft (shank) hand instrument

- a It is where the dentist grasps or hold the indtrument
- b It is the part that attackes the working end to the handel
- c It is the portion of the instrument with specific function
- d Non of the above

266 – Restoratiove instruments include the following except

- a Amalgam carrier
- b Candenser (plugger)
- c Hatchet instrument
- d Burnisher

267 – Cement spatula is used for

- a Mixing impression materials
- b Mixing, liner, bases and cement
- c Cutting the enamel margin
- d Removal of soft dentin

268 - Low speed hand pieces include

- a Straight attachment
- b Contra angle
- c Prophylaxis angle
- d All of the above

269 – Basic setup are

- a Excavator and mirror
- b Amalgam carrier and explorer
- c The mouth mirror explorer and cotton pliers
- d Periodontal probe and carver

270 – Dental burs are used for the following except

- a Tooth praparation
- b Excavating decay
- c Finishing cavity wall
- d Oral examination

271 – The goal of four handed dentistry is

- ne goal of four handed dentistry is

 a To allow the dentist and assistant to function as a team

 b To reduce stress and fatigue

 c To increase productivity

 d All of the above

 is charting symbol (u) means

 a Tooth partially erupted

 b Tooth present and sound

 c Tooth unerupted

 d Tooth missing

 means

 1 Tooth partially erupted

 Tooth missing

272 – This charting symbol (u) means

273-RCT means

- b- Tooth missing
- c Tooth unerupted
- d Tooth canal treatme

274 – LA means

- a General anaesthesia
- b Infiltration injection
- c Local ahaesthesia

d – Gold inlay 275 – The oral evacuation system consists of

- a The saliva ejector only
- b The high volume evacuator only
- c The saliva ejector and the high volume evacuator
- d Non of the above

276 – Irrigation is done by

- a A plastic disposable syringe only
- b– A triple syringe only
- c A plastic and triple syringe
- d Non of the above

277 – For removal hard dental decoy we use

- a Low-speed handpiece
- b high-speed handpiece
- c A and B
- d Non of the above

278 - Curing light is used for

- a Trituration amalgam
- b Curing composits
- c Preparation the temporary filling
- d All of the above

279 - Using the international system, the number 33 is indicated to a – Upper right canine b – lower left canine

- c Upper left canine
- d Lower left canine

280 - All of the following are disadvantages of rubber dam except

- a Does not provide complete isolation
- b If removed improperly it may cause injury to the patient
- c Increased success rate of pulp capping
- d It is uncomfortable for the patient

281 - Oral surgery deals with

- a − Extraction of the teeth .
- b Restoring (filling) the decayed teeth
- c Making the dentures
- d Prophylaxis and scaling the teeth

282 - Tooth extraction can be classified into

- a Simple extraction
- b Complicated extraction
- c Impacted extraction
- d All the above

283- s the most effective means of sterilization for almost all items used in dentistry:

- a) steam sterilization
- b) dry heat sterilization
- c) low temperature sterilization
- d) non of the above

284- DTR means:

- a) personal protective equipment
- b) other potential infectious materials
- c) dental treatment room
- d) non of the above

285 is the safest method for contaminated instrument cleaning and provide effective cleaning process:
a) automated washer processor
b) ultra sonic cleaning
c) manual scrubbing
d) non of the abov
286- we must replace the gloves immediately on:
a) gloves torn
b) punctured gloves
c) increased gloves porosity
d) all of the above
d) all of the above
287- Types of sterilization monitors are Except
a) biological monitors
b) mechanical monitors
c) external monitors
d) internal monitors
288- the interior of steam sterilizer should be cleaned each day before being
heated by:
a) wire brush
b) steel wool
c) mild detergent
d) abrasive compounds
289- the type of sterilizer in which incoming steam displaces via gravity;
a)prevacum type
b) flash sterilizer
c) gravity displacement type
d) bench top steam sterilizer
290- mild alkaline detergent that are more efficient cleaning agents are of PH
a) 8 – 11,5 *
b) neutral PH
c) 0 – (2)
d) now of the above
291 is the removal of all adherent visible soil from the surface of
instruments:
a) cleaning
b) disinfection
c) sterilization
d) non of the above
292- Appropriate process for sterilization of surgical instrument is
a) thermal disinfection
b) chemical disinfection
c) steam sterilization

d) cleaning manual

293- Instrument and materials that penetrate the skin, mucous membrane or bone are considered:

- a) critical items
- b) semi critical items
- c) non critical items
- d) all of the above

294- Is the process that destroys all types and forms of microorganism

- a) culture
- b) sterilization
- c) immunization
- d) infection

295- Barrier technique means

- a- disinfection
- b- sterilization
- c- the use of gloves, mask and foil to cover surface
- d- all of the above

296- Engineering controls means the used

- a- rubber dam
- b- puncture proof sharp container
- c- advice for recapping a peedle
- d- all of the above

297- A test designed to assess whether sterilization has actually occurred

- a- biological montor
- b- chemical monitor
- c- a + b d- non of the above

298- a process that destroy most of micro organisms and not all spores

- a- sterilization
- b- disinfection
- c- chemical disinfection
- d- thermal disinfection

299- dental items can be classified into

- a- critical items
- b- semi critical items
- c- non critical
- d- all of the above

300- universal precaution include

- a- medical history
- b- assume all blood and body fluid are infectious
- c- immunization of dental health care team
- d- all of the above

301- flash sterilization is:

- a) A practice of fast sterilization
- b) For non-porous surgical instrument
- c) For unwrapped instrument
- d) All of the above

302- the factors that can reduce the effectiveness of sterilization

- a) over loading
- b) improper wrapping
- c) improper timing
- d) All of the above

303- utility gloves (heavy duty gloves) are worn during

- a) Examination of the patients
- b) The surgical operation
- c) The cleaning and washing of contaminated instruments
- d) All of the above

304- Barrier covers in DTR include:

- a) Light treatment
- b) Head rest
- c) X-ray tube
- d) All of he above

305- steam sterilizer include

- a) The prevacium steam sterilizer
- b) The down ward displacement steam sterilizer
- c) Flash steam sterilizer
- d) all of the above

306- Barrier technique and protective attire include:

- a) The use of personal protective equipment (PPE) and surface covers
- b) Immunization of dental personal
- c) Medical history
- d) Non of the above

307-..... Are non sterile gloves that are commonly used in routine dental procedures:

- a) sterile surgical gloves
- b) procedural gloves
- c) latex examination gloves
- d) non of the above

308- Traditional units for measurements of radiation include

- a- Roentgen
- b- Rad
- c- Rem
- d- All of the above

309- Added filtration is made of

- a- Lead
- b- Aluminum
- c- cupper
- d- None of the above

310- Operator s protection from x- ray radiation include

- a- Protection from primary and secondary radiation
- b- Radiation monitoring
- c- Protection from leakage of radiation
- d- All of the above

311- Types of periapical radiographic techniques

- a- paralleling technique
- b- Bisecting angle technique
- c- a and b
- d- None of the above

312- All the following statements are advantages of paralleling technique except

- a- It gives accurate image
- b- No radiation exposure to patient finger
- c- No dimensional distortion
- d- It needs long cone and film holder

313- This film is usually used in orthodontic survey

- a- Mandibular body projection
- b- True lateral projection
- c- Mandbular ramus projection
- d-Labral cephalometric radiograph

314- Patient movement during taking panoramic x- ray may cause

- a- A radiolucent area above upper teeth
- b- Widening of anterior teeth
- c- A blurred image
- d- None of the above

315- Panoramic x-ray is limited (do not use) for

- a- Impacted teeth
- b- Dental caries and periodontal diseases
- c- Demonstrating fracture of the mandible
- d- Demonstrating cysts and tumors

316- Frankforte plane is

- a- An imaginary line at the center of the face
- b- An imaginary line passes from the orbit to the external auditory meatus
- c- An imaginary line at the floor of the mouth
- d- None of the above

317- When taking x-ray, incorrect vertical angulation may lead to

- a- Shortened image
- b- Elongated image
- c- a and b
- d- None of the above

318- When taking x- ray, incorrect horizontal angulation may lead to a- Shortened image

- b- Elongated image
- c- Overlapping image
- d- None of the above

319- When the exposed film is put firstly in the fixer solution, the image

- a- Will be dark
- b- Will be light
- c- Will be blank
- d- None of the above

320-All the following statements are the causes of light image except

- a- Insufficient kvp
- b- Insufficient mA
- c- Insufficient time
- d- Overexposure

321- in paralleling technique

- a- film supported using film holder
- b- film supported using patient's finger
- c- film supported using long cone
- d- All of the above

322-overdose of radiation may cause

- a-leukemia
- b-skin changes
- c-cataracts
- d-all of the above

323-radiation cause cell death by:

- a-changing in nucleoproteins.
- b-destroying them into chondria
- c-ionization
- d-none of the above

324-filter are used in radiography to:

a-reduce patient radiation

b-reduce short wavelength rays

c-increase secondary radiation

d-increase image contrast

325-dark film indicates that it has been:

a-overdeveloped

b-underdeveloped

c-exposed to light

d-over fixed

326-.....is preferred because less divergence of x-ray beam occur

a-long cone

b-short cone

327-thyroid collar are recommended with

a-extra oral films

b-intra oral films

328-the distance between source of x-ray and operator should be at least:

a-3 feet

b-6 feet

c-10 feet

d-8 feet

329-who should held film in place in the patient's mouth during exposure:

a-dental assistant

b-operator

c-patient

d-none of the above

330-.... Is a device that measures the irradiation dose accumulated by individuals over any given period of time

a-dosimeters

b-shields

c-direct switch

d-all of the above

331-bite wing radiograph is useful in diagnosing of

a-overhanging restoration

b-periapical bony lesions

c-impaction

d-un-erupted teeth

332-Endodontic is the speciality of dentistry deals with

a- The correction of malocclusion

b- The treatment of dental pulp

c- The filling of teeth with restorative material

d- None of the above

333- Pulp horns

- a- Present in the root canals
- b- Present in the enamel
- c- Are extensions of the pulp chamber toward the cusp tips and incisal edges
- d- None of the above

334- In young teeth the apical foramen is

- a- Not yet fully formed
- b- Fully formed
- c- a and b
- d- None of the above

335- By aging the root canal and pulp chamber become smaller due to deposition of

- a- Enamel
- b- Dentine
- c- Cement
- d- All of the above

336- Connective tissue consists of

- a- Fibroblast cells
- b- Intercellular substance
- c- Tissue fluid
- d- All of the above

337- Pain of short duration due to heat and cold suggests

- a- Chronic pulpitis
- b- necrosis of the pulp
- c- Hyperemia of the pulp
- d- None of the above

338- All of the following statements are true regarding irreversible pulpitis except

- a- The pain is severe
- b- The pains is long duration
- c-No response to thermal and electrical stimuli
- d- The treatment of choice is removal the old filling and put zinc oxide eugenol

339- All of the following are indicated of RCT except

- a- Non vital or necrotic pulp
- b-Irreversible pulpitis
- c- Avulsed and replanted teeth
- d- Tooth is advised for extraction

340- Healthy pulp means

- a-Pulpitis
- b- Acute pulpitis
- c- Chronic pulpitis
- d- Pulp which is free of disease

341- If bacteria reached nerves and blood vessels of the pulp the following will happen

- a- Hyperemia
- b- Irreversible pulpitis
- c- An abscess
- d- All of the above

342- Pain is

- a-Objective component of a diagnosis
- b- Subjective component of a diagnosis
- c- Never to be a component of a diagnosis
- d- None of the above

343- Intra oral examination include the following except

- a- Standard of oral hygiene
- b- Prevalence of caries
- c- Periodontal condition
- d- Face, neck, and lymph adenopathy

344- Diagnostic tests include

- a- Selective anaesthia test
- b- Thermal sensitivity test
- c- Pulp testing
- d- All of the above

345- The most effective cold test is the use

- a-50C spray (dry ice)
- b- Ethyl chloride
- c- Ice
- d- None of the above

346- When the tooth gives a painful response to cold test, this is indication to

- A- Reversible pulpitis
- b- Irreversible pulpitis
- c- a and
- d- None of the above

347- Pulp testers are used

- a- To assess vital or non-vital pulp
- b- To assess the degree of pulpal disease
- c- To quantify pulpal disease
- d- None of the above

348- Fibro- optic light can be used to

- a-Show interproximal caries
- b- Show fracture crown
- c- Show opacity or discoloration
- d- All of the abov

349- Adisadvantage of the use of radiograph in diagnosis is

- a- It gives valuable information
- b- It shows the abscess and cyst
- c- The early stages of pulpitis are not evident on the radiograph
- d- All of the above

350- Which radiographic technique is a requirement for endodontic

- a- The bisecting angle technique
- b- Long cone paralleling technique
- c- Panoramic x- ray
- d- None of the above

351-Which instrument is used to enlarge and to shape root canals a- Files nats.

- b- Nerve broach
- c- a and b
- d- None of the above

352- The Gates-Gliden bur is used for

- a- Enlargement of the root canals
- b- Removal of gutta-percha
- c- a and b
- d- None of the above

353- Gutta-percha is used for

- a- Obturation of the root canal b- Irrigation of the b- Irrigation of the root cara
- c- Drying the root can
- d- All of the above

354- The main function of root canal sealer

- a- Filling the spaces between the gutta percha and root canal
- b- Aids in obturation
- c- a and b
- d- None of the above

355- Instruments used to obdurate the root canal are

- a- Nerve broach
- b- File and reamer
- c- The Gates Gliden bur
- d- Spreader and plugger

356- The rotatory instruments used to prepare root canal in low hand piece are

- a- Gates- Gliden bur
- b- Pesso reamers
- c- Lentulo spiral

D- All of the above

357- Hot pulp test can be done by

- a- Dry ice
- b- Ethyl chloride
- c- Hot gutta percha
- d- All of the above

358- All of the following are indication of apicoectomy except

- a- Abnormal root shape
- b- Brocken instrument
- c- Peri-radicular radiolucency
- d- Severe periodontal involvement

359- Retrograde filling means

- a- Is a small class 1 preparation is made at the apex of the rest
- b- Class 11 preparation at the proximal surface of posterior teeth
- c- Class 111 preparation
- d- None of the above

360- With increasing age the diameter of the pulp

- a- Increases
- b- Decreases
- c- a and b
- d- All of the above

361- All of the following are the components of pulp except

- a- Blood vessels
- b- Bone
- c- Nerves
- d- Connective tissue

362- Pulpitis may be

- a- Rerversible
- b- Irreversible
- c- a and b
- d- None of the above

363- Nerve broach is used to

- a-Remove the bulk of the pulp tissue
- b-Enlarge the root canal
- c- Shape the root canal
- d- None of the above

364- Components of a full denture are

- a- base and flange
- b- post dame
- c- artificial teeth
- d- all of the above

365- The purpose of relining a denture is

- a- to have it accommodate changes in supporting tissues
- b- to increase the weight of a denture
- c- a and b
- d- none of the above

366- Factors affect selection of removable prosthesis

- a- extraoral factors and physical health
- b- mental health and motivation
- c- age and occupation
- d- all of the above

367- All of the following are indications of removable partial denture except

- a- rampant caries
- b- replace several teeth
- c- avoid reducing tooth structures of children
- d- support periodontally involved teeth

368- It is adirect restoration used to improve the appearance of anterior teeth

- a- composite
- b- porcelain
- c- cast crown
- d-none

369- Components of a fixed bridge are the following except

- a- unit
- b- pontic
- c- acrylic base
- d- abutments

370- Prosthodontics concerned with

- a-A restoration of carious teeth
- b- RCT
- c- A replacement of missing teeth
- d- All of the above

371- Provisional coverage is

- a-A permanent coverage
- b- A temporary protective coverage
- c-b is true
- d- None of the above

372- Which of the following statements is true regarding the purposes of provisional coverage (PC)

- a- Reduces sensitivity and discomfort
- b- Maintain the function and esthetics of tooth
- c- Protects the margins of the preparation
- d- All of the above

373- All of the following are types of provisional crown (PC) except

- a- Custom prosthesis
- b- Pre formed polymer crown
- c- Porcelain crown
- d- Aluminum crown

374- The following statements are true regarding criteria for PC except

- a- It must be esthetically acceptable
- b- The contours of the PC are similar to natural tooth
- c- The cervical margin of PC is rough and extend below the margin of the preparation
- d- None of the above

375- After cementation of PC, any excess from interproximal surface is removed by

- a- round bur

376- Direct restoration are

377- Indirect restoration are

378- Composite filling is

- above

 storation are

 amalgam

 b- composite

 c- porcelain jacket crown

 d- all of the above

 posite filling is

 a mixture of 21

 a mixtur

 a m'
 - c- a mixture of zinc oxide and phosphoric acid
 - d- non of the above

379- Composite can be

- a-cemented to tooth
- b- bonded to tooth
- c- a and b
- d- none

380- All of the following statements are advantages of composite except

- a- its color matches color of tooth
- b- it has good durability
- c- less tooth structure is removed
- d- it needs longer work than amalgam

381- Regarding the resistant to wear, the best filling material is

- a- composite
- b- amalgam
- c- glass ionomer
- d-zinc phosphate cement

382- Inlays are cast restoration

- a- cover most of occlusal and proximal surfaces
- b- cover all occlusal and proximal surfaces
- c- cover a portion of occlusal and proximal
- d- all of the above

383- Onlays are cast restoration

- a- cover most of occlusal and proximal surfaces
- b- cover a portion of occlusal and proximal
- c- cover all occlusal and proximal surfaces
- d- non of the above

384- For badly destructed tooth with non-vital pulp to obtain a crown of maximum retention we put into the pulp

- a- gutta percha
- b- post
- c- core
- d-b and c

385-Toreduce tooth height and contour, the dentist use

- a- hand cutting instruments
- b- excavator
- c- rotatory instruments
- d- none

386-To displace the gingival tissue during crown preparation, the dentist use

- a- piece of wax
- b- gingival retraction cord
- c- excavator
- d-none

387-Tocontrol bleeding during crown preparation, the following agent is added

- a- alcohol
- b- zinc oxide eugenol
- c- wax
- d- vasoconstrictor agent

388-The laboratory technician uses this material to create a pattern for the casting

- a- compound
- b- wax
- c- alginate

d-none

389- All of the following are indirect restorations except

- a- inlays and onlays
- b- veneers
- c- fixed bridge
- d- amalgam

390) The partial obstruction of the airway

- a) Allergic reaction
- b) Bronchospasm
- c) Convulsion
- d) Non of the above

391- A substance that causes an immune response through the production of antibodies

- a) An antigen
- b) Histamine
- c) Angina pectoris
- d) Non of the above

392- It is an altered state of reactivity in body tissue, or a state of hypersensitivity to specific antigens

- a) Allergy
- b) Histamine
- c) Angina pectoris
- d) Non of the above

393- Angina pectoris is usually relieved by rest or by the administration of,

- a) Alcohol
- b) Chlorine
- c) Nitroglycerin
- d) Antibiotic

394) The normal pressure for an adult at least 18 years old,

- a) 110 * systolic and 70-85 diastolic.
- b) 140 159 systolic and 90-99 diastolic
- c 160 179 systolic and 110-120 diastolic
- d 180 209 systolic and 119-130 diastolic

395)The normal respiratory rate for young child,

- a) 40 50 breath per minute
- b) 30 40 breath per minute
- c) 20 30 breath per minute
- d) 20-26 breath per minute

396) The normal oral temperature of a resting person is,

- a) 25 C.
- b) 50C
- c) 37 C
- d) 27C

397) The normal pulse rate in resting adult is between,

- a) 60 and 100 beat per minute
- b) 70 and 110 beat per minute
- c) 80 and 120 beat per minute
- d) 90 and 130 beat per minute

398- More commonly known as diabetic acidosis, it is abnormally high levels of blood sugar.

- a) Hyperglycemia
- b) Acute myocardial infraction
- c) Angina pectoris
- d)Cardiac arrest

399- All of the following are signs and symptoms of anesthesia overdose except

- a) Twitches
- b) Talkativeness
- c)Increased apprehension
- d) Bleeding

400- Symptoms of heart attack include,

- a) Sever pain in the chest
- b) Shortness of breath
- c) Nausea and ashen gray color of the ski
- d) All of the above

401- An oxidized cellulose that releases cellulosic acid which has an affinity for hemoglobin, thus forming a cols

- a) Oxycel
- b) Chlorine
- c) Nitroglycerin
- d) Tannic acid

402- A type of the shock is caused by abnormal function of the heart,

- a) Hypovolemic shock
- b) Cardiogenic shock
- c) Vasodilating shock
- d) Non of the above

403- A type of shock is caused by the dilatation of blood vessels. This allows blood to remain in the tissues and prevents the normal flow of blood throughout the cardiovascular system.

- a) Cardiogenic shock
- b) Hypovolemic shock
- c) Vasodilating shock
- d) Non of the above

404- Known as insulin shock, it is abnormally low blood sugar and happens most frequently in insulin dependent diabetics, when high level of insulin causes a decrease in blood sugar to the brine

- a) Shock
- b) Syncope
- c) Postural hypertension
- d) Hypoglycemia

405- Known as seizures, occurring most often with epileptic patient and overdose local anesthesia, in form of generalized skeletal muscle contraction.

- a)Shock
- b)Postural hypertension
- c)Syncope
- d)Convulsion

406- Commonly known as heart attack, occurs when one or more of the coronary arteries that supply blood to the heart muscle becomes blocked.

- a) Anaphylaxis
- b) Acute myocardial infraction
- c) Angina pectoris
- d) Non of the above

407-A gelatin based sponge material that is placed into an open socket or wand, to act as clotting aid.

- a) Gelfoam
- b) Chlorine
- c) Nitroglycerin
- d) Antibiotic

408- Commonly known as a stroke, is a sudden interruption of the blood supply to the brain

- a) Allergic reaction
- b) Bronchospasm
- c) Convulsion
- d) Cerebrovascular a cident

409-A basic emergency kill usually includes all of the following except:

- a) Ammoria inhalant ampoules
- b) Sugar packets and /or a tube of liquid sugar
- c) Gutta percha
 - d) reloaded epinephrine syringes

410-Breathing that is artificially maintained by one individual for another through the forced exchange of air in the lungs.

- a) Artificial ventilation
- b) Circulation
- c) Airway
- d) Non of the above

411-It is a state in which blood flow to peripheral tissues (including the brain) is inadequate to sustain life.

- e) Shock
- a) Postural hypotension

- b) Syncope
- c) Convulsion

412-Commonly known as fainting, it is a transient loss of consciousness and it is the most common medical emergency in the dental office.

- a) Shock
- b) Syncope
- c) Postural hypertension
- d) Hypoglycemia

413- The specialty of dentistry concerned with the correction of malocclusion is

- a- Endodontic
- b- Prosthodontics
- c- Orthodontic
- d- Oral surgery

414- Overbite means

- a- The upper incisors overlap the lower incisors vertically
- b- The upper incisors overlap the lower incisors horizontally
- c- Crowding of upper teeth
- d- Crowding of the lower teeth

415- The types of malocclusion are

- a- Crowding of the teeth
- b- Protruding upper incisors
- c- Prominent lower jaw
- d- All of the above

416- The most common cause of malocclusion is

- a- Acquired causes
- b- Genetic
- c- Infectious diseases
- d- None of the above

417- In class 11 malocclusion

- a- The body of the mandible is in abnormal mesial relationship to the maxible
- b-The body of the mandible is in distal relationship to the maxilla
- c- The lower incisors overlap the upper incisors
- d- All of the above

418- When the maxillary buccal cusps are positioned in the central fossa of the mandibular teeth this is termed

- a- Overjet
- b- Overbite
- c- Crossbite
- d- All of the above

419- Diagnostic model is made of

- a- Stone
- b- Plaster
- c- Investment
- d- Composite

420- Bands of fixed orthodontic appliances

- a- Cemented to the teeth
- b- bonded to the teeth
- c- a and b
- d- None of the above

421- Overjet means

- a- The upper incisors overlap the lower incisors vertically
- b- The upper incisors overlap the lower incisors horizontally
- c- Crowding of upper teeth
- d- Crowding of the lower teeth

422- Class 111 malocclusiom is known as

- a- Mesioclusion
- b- Destoclusion
- c- Linguoclusion
- d- Buccoclusion

423- In class 11 division 2 malocclusion

- a- The upper incisors tilt backwards
- b- The upper incisors come in contact with the lower
- c- The overjet is decreased
- d- All of the above

424- When the lower teeth are too far forward relative to the upper this is called

- a- Normal occlusion class 1
- b- Class 11 malocclusion
- c- Class 111 male clusion
- d- All of the above

425- The most common contributor to malocclusion is

- a-Overbite
- b- Overjet
- c- Crowding
- d- Openbite

426- The instrument used to seat a molar band for fixed appliances

- a- Posterior band remover pliers
- b- The bird pliers
- c- Three prong pliers
- d- The band plugger

427- Brackets of fixed orthodontic appliances are

- a- Cemented to the teeth
- b- bonded to the teeth

- c- a and b
- d- None of the above

428-In a cephalogram, the most anterior point of the mandible on the midline, is termed

- .a. Menton
- b. Pogonion.
- .c. Gnathion
- d. Gonion

429-Most commonly used bands are placed on

- a. First and second molars.
- .b. First premolars
- .c. Second premolars
- d. Laterals

430-Instrument used in bracket placement is called

- .a. Band remover
 - b. Bracket tweezers.
- .c. Ligature cutters
- .d. Surgical tweezers

431-Separators are used in cases of

- .a. Wide interproximal areas
- b. Tight interproximal areas.
- .c. Extra oral traction
- d. Intra oral traction

432-Chairside assistant is responsible for

- .a. Adjustment of arch with
- b. Check loose, broken or missing elastics.
- .c. Fitting of molar band
- d. All of the above

433-Class 11 malocelusion is also known as

- .a. Mesicocclusion
- b. Distorclusion.
- .e. Normal occlusion
- d. Lingoocclusion

434- pediatric dentistry is limited to the care of

- a- adults
- b- old patients
- c- children
- d- children & adolescence

435-the open bay concept in the pediatric dental office

- a-provides reassurance to the child
- b- several dental chairs are arranged in one large area
- c- this may be psychologically effective

d-All of the above

436-When dealing with difficult child

- a)some of restraint is required
- b)premedication can be prescribed to calm the child
- c)a papoose board can be used
- d)all of the above

437-the first appointment for child visit to the dentist

a-at about four years

b-at about three years

c-at about two years

d-non of the above

438-the lower deciduous central incisor erupt at

- a)12 months
- b)6-7 months
- c)9 months
- d)3 months

439- the last tooth to be erupted in permanent dentition is

- a)first molar
- b)second molar
- c)third molar
- d)upper canine

440-children take the benefit from fluoride through

- a) a systemic application only
- b)a topical application only
- c)a &b
- d)none of the above

441-a systemic application of fluoride is mainly by

- A)water fluoridation
- b)topical application of fluoride
- c)a& b
- d) non of the above

442-flouride play an important role in prevention of caries through:

- a- they strengthen the tooth structure
- b- they inhibit the bacteria causing caries
- c- a and b
- d- a physical barrier between between the sealed site and oral environment

443- the fissure sealants are contraindicated

a-when isolation is difficult to be achieved

b-on teeth with proximal caries

c-one badly carious tooth d-all

444-preventing orthodontics include

a-control of the disease b-use of space maintainer c-early detection of genetic and congenital anomalies d-all of the above

445-badly decayed and destructed primary crown is treated by

a-jacket crown

b-amalgam restoration

c-stainless steel crown

d-non of the above

446-the material used in pulp capping is

a-zinc oxide

b-aluminum oxide

c-calcium hydroxide

d-non of the above

447- On primary teeth we use

a- T- band matrices

b- spot- welded band

c- a and b

d- none of the above

448- Avulsed tooth means

a- the tooth is forcibly driven into the alveolus

b- a tooth comes out

c- the tooth is displaced from its position

d- none of the above

449- The most common endodontic procedure is performed on primary tooth

is

a- direct pulp capping

b- indirect pulp capping

c- pulpotomy

d- pulpectomy

450-When dealing with difficult child

a)some of restraint is required

b)premedication can be prescribed to calm the child

c)a papoose board can be used

d)all of the above

451-A papoose board is

a) a type of tooth brush

b)used for cleaning the teeth of the child

- c)a device that hugs the child during the procedure
- d)all of the above

452- Cerebral palsy is

- a)a non progressive neural disorder
- b)characterized by paralysis and muscle weakness
- c) classified into two types
- d)all of the above

453-the AAPD recommends dental check up /year

- a)at least one time a year
- b)at least twice a year
- c)at least three time a year
- d)none of the above

454-varnish fluoride

- a- is one form of topical application of fluoride
- b- is gel like substance
- c- is released fluoride on enamel and root
- d- all of the above

455- Fissure sealants play an important role in prevention of caries through

- a- they strengthen the tooth structure
- b- they inhibit the bacteria causing cares
- c- a and b
- d- a physical barrier between between the sealed site and oral environment

456-The fissure sealants are seated better on

- a-upper molars
- b-lower molars
- c-when proper isolation is achieved
- d-b & c

457-Interceptive orthodontics include

- A-extraction of primary and permanent teeth
- B -correction of cross bite
- C correction of jaw size discrepancy
- d-all of the above

458-Pulpotomy is

- a-the removal of all the entire pulp
- b-the complete removal of coronal portion of dental pulp
- c-indicated only for primary teeth
- d-non of the above

459- The most common endodontic procedure on young permanent tooth with open apex is

- a- the formocresol pulpotomy
- b- the calcium hydroxide pulpotomy

i.Z. d.Z.

- c- direct pulp capping
- d- indirect pulp capping

460- A dentist stabilize a tooth after an injury by

- a- a wax
- b- a resin material
- c- a ligature wire
- d-b and c

461- The chronological age is

- a- the child level of emotional maturity
- b- the child actual age
- c- the child level of intellectual capacity and development 5
- d- all of the above

462-Premature loss of deciduous manibular second molars in 25 year old could result in

- .a. Premature eruption of the adjacent permanent first molars
- .b. Inadequate space for the eruption of the second premolars
- .c. Development of a class III malocclusion
- d. Inadequate growth of the mandible

463- Ca 20H pulpotomy is commonly used in

- .a. Fractured primary teeth
- .b. Fractured permanent teeth
- .c. M.O.D. cavity tooth
- .d. None of the above

464- Traumatic extrusion to the teeth means

- a- the tooth is forcibly driven into the alveolus
- b- The tooth is displaced from their position
- c- the teeth come but the socket
- d- all of the above

465- The prevalence of the disease means

- a- The new cases appear at a certain time
- b- The percentage of the population affected with the disease
- c- a and b
- d- None of the above

466- The incidence of the disease is named

- a- The new cases appear at a certain time
- b- The percentage of the population affected with the disease
- c- a and b
- d- None of the above

467- Preventive dentistry has

- a- One level
- b- Two levels

- c- Three levels
- d- Five levels

468-The dental hygienists are concerned with

a-restoration of the teeth

b-patient education, health promotion and tobacco cessation education c-plaque removal, application of fluoride and placement of pit & fissure sealant

d-B and C

469-Primary prevention involves

a-techniques and agents to stop the onset and to reverse the progression of the disease

b-routine treatment methods

c-using measures to replace lost tissue

d-all of the above

470-Tertiary prevention involves

a-techniques and agents to stop the onset and to reve se the progression of the disease

b-routine treatment methods

c-using measures to replace lost tissue

d-all of the above

471-Maslow's hierarchy of needs include

a-one level of needs

b-two level of needs

c-five levels of needs

d-none of the above 472-According to Maslow physiologic needs include

a-food, oxygen, water, sleep

b-love

c-security 2

d-all of the above

473-the most common and effective method for tooth brushing is

a-horizontal method

b- charters' method

c-bass method

d-rolled method

474-Power tooth brushes are indicated for

a-physically and mentally challenged patient

b-elderly patient

c- implant care

d- all of the above

475-Dental floss silk is indicated for

a- removal of interproximal plaque

b-removal of calculus all around the teeth c-removal of excess cement interproximally d- a& c

476- The most recommended tooth brush is

a-a hard typeb-a soft type with natural bristlesc-a soft tooth brush with nylon bristlesd- non of the above

477-Too much ingestion of fluoride during tooth development may cause

a-amelogenesis imperfecta b-dentogenesis imperfecta

c-fluorosis

d- none of the above

478-Dental sealants are applied to

a-smooth surface of the teeth

b-the carious teeth

c-the occlusal surfaces of caries free teeth

d-all of the above

479-Protiens are essential for

a-building the body

b-supplying the body with energy

c-building and maintaining one and teeth

d-all of the above

480-Vitamin D essential for

a-building the body

b-supplying the body with energy

c-building and maintaining bone and teeth

d-all of the above

481- deficiency of vitation (D) may lead to

a-dehydration

backets and poor tooth development

defective clotting

d-scurvy

482-The percentage of the population affected with the disease is named

a-the incidence of the disease b-prevalence of the disease c-the rate of the disease d-non

483-The new case appear at a certain time is named

a-the incidence of the disease b-prevalence of the disease c-the rate of the disease d-non

484-Patient education, plaque removal and application of pit and fissure sealant is the responsibility of

a-oral surgeon b-oral hygienist c-implantologist d-all of the above

485- Deficiency of vitamin (C) may lead to

a-dehydration

b-rickets and poor tooth development

c-defective clotting

d-scurvy

486- Deficiency of vitamin (K) may lead to

a-dehydration

b-rickets and poor tooth development

c-defective clotting

d-scurvy

487-Removal of interproximal plaque is by

a-burs

b-dental floss

c-articulating paper

d- all of the above

488- topical application of sodium fluoride is used in concentration

a- 4%

b- 6%

c- 2%

d-8%

489- acidulated phosp ate fluoride solution is used as a topical application in conc

b 2.23% c- 3.23%

•d- 4.23%

490- dental plaque is composed mainly of

a- minerals

b- calculus

c- bacteria

d- none of the above

491- the circulating nurse is non-sterile who

a- assists the scrub nurse

b- coordinates all activities of operating room

c-assists the anesthesiologist

d-a and c

492- recovery room nurse

- a- observes the patient after the operation
- b- checks the patient's vital signs
- c- checks daily maintenance on anesthetic equipment
- d- a and b

493- operating room supervisor is the nurse in charge of operating room who

- a- coordinates all activities of OR
- b- enforces policies
- c- schedules surgical cases
- d- all of the above

494- the local anesthetic agents are divide on the basis of its duration as follow

- a- short acting lasts (30 minutes)
- b- long acting lasts (longer than 90 minutes)
- c-intermediate acting (lasts about,60 minutes)
- d- all of the above

495- sphygmomanometer and stethoscope are instruments used in

- a- measuring blood pressur
- b- tracing the activity of the heart
- c- and b
- d- non of the above

496- the instrument which is used for tracing the activity of the heart is

- a- electrocard ogram (ECG)
- b- sphygmomanometer
- c- thermometer
- d-stethoscope

497- the action of vasoconstrictor added to local anesthetic is

- a- prolong the effect of anesthetic agent
- b-decrease the effect of anesthetic agent
- c- decrease the bleeding in the injected area
- d- a and c

498-. The intermediate acting local anesthetic agent lasts about -

- a. Less than 30 minutes.
- b. 30 minutes.
- c. 60 minutes.
- d. Longer than 90 minutes.

499- The most common site for taking a patient pulse in the

dental office is -----

a. Brachial artery.

- b. Carotid artery.
- c. Radial artery.
- d. All the above.

500- Vasoconstrictors are contraindicated in-----patient

- a- diebetic
- b- angina and myocardial infarction
- c- uncontrolled hypertensive
- d-b and c

501- Thermometer is used to measure the

- a- pulse
- b- heat
- c- blood pressure
- d- non of the above

502- With inferior alveolar nerve block, the patient reports numbness at half of

- a- the upper jaw
- b- the lower lip
- c- the upper lip
- d- non of the above

503- Paraesthesia is a prolonged numbness occur in faulty injection due to

- a- tumor
- b- trismus
- c- trauma
- d- non of the above

504- The third stage of general aresthesia is called-----anesthesia

- a- topical
- b- local
- c- general
- d-non of the above

505- Tympanic thermometer is put in the-----to take its reading

- a- hands
- b- nose
- c- ear
- d- non of the above

506- Oral surgical assistant must have knowledge and skills in all of these items except

- a- surgical a sepsis.
- b- surgical procedures.
- c- pain control techniques.
- d- surgical removal of impacted teeth by himself.

507- Periosteal elevators are used for

a- extraction of lower third molar

- b- removal of upper remaining roots
- c- reflection of the periosteum from the surface of bone.
- d- all of the above

508- The beaks of forceps are shaped to grasp the crown of the teeth firmly

- a- in higher level than the cervical line
- b- at the level or below the cervical line
- c- at the level of cusp tip
- d- all of the above

509- Surgical curettes are applied in

- a- rotation movement
- b- scrapping movement
- c- rounded movement
- d- none of the above

510- Rongeurs are used for

- a- extraction of molars
- b- trimming of alveolar bone after surgical treatment
- c- removal of abscess
- d- none of the above

511- Surgical curettes are used for

- a- scrapping the socket to reprove diseased tissue
- b- bone trimming after extraction
- c- extraction of last molar
- d- removal of remaining roots

512- To extract lower 8 we use *

- a- upper third molar forceps
- b- lower molar forceps
- c-lower premolar forceps
- d-lower anterior forceps

513- Bone files are used for

- smoothen rough margins of bone
- b- smoothen the surface of bone after using of rongeur
- c-bone cutting
- d-a&b

514- Retractors are used for

- a- handling of tissues during surgery
- b-holding and retracting cheeks
- c- holding and retracting the tongue
- d- all of the above

515- Hemostats are used for

- a- catching instruments
- b- grasping of soft tissue

- c- cutting bone
- d- all of the above

516- To extract upper left 7 we use

- a- upper premolar forceps
- b- upper left molar forceps
- c- upper right molar forceps
- d- upper anterior forceps

517- A patient who received general anesthesia for oral surgery you should use

- a- mouth probe to prevent mouth closure
- b- rubber dam
- c- topical fluoride
- d- all of the above

518- Sutures are done to

- a- control bleeding and promote healing
- b- spread of infection
- c- trim diseased bone
- d- none of the above

519- Infiltration local anesthesia is contra-indicated in case of

- a- renal dialysis
- b- infection of the area
- c- biliary diseases
- d- diabetes mellitus

520- Biopsy is a removed tissue to be examined and is done for

- a- to promote healing of wound
- b- to distinguish malignant from non-malignant lesions
- c- to stop bleeding
- d all of the above

			الإجابة	نموذج			•
Q	A	Q	A	Q	A	Q	o A
1	b	34	а	67	d	100,	b
2	С	35	а	68	С	191	С
3	С	36	а	69	а	102	а
4	С	37	b	70	b	.103	b
5	а	38	С	71	b	104	С
6	d	39	а	72	b	105	b
7	b	40	b	73	С	106	d
8	b	41	а	74	b	107	d
9	С	42	C	75	b	108	С
10	d	43	b	76	d	109	а
11	b	44	c 🝠	77	С	110	С
12	С	45	(a)	78	b	111	d
13	С	46	d	79	С	112	а
14	С	47	C	80	b	113	b
15	С	48	b	81	b	114	С
16	b	A 9	С	82	С	115	а
17	а	5 0	С	83	b	116	а
18	а	51	b	84	С	117	b
19	b	52	а	85	С	118	а
20	b	53	b	86	С	119	d
21	b	54	b	87	d	120	b
22	С	55	а	88	С	121	а
23	а	56	а	89	С	122	С
24	b	57	d	90	С	123	С
25	С	58	а	91	d	124	d
26	С	59	b	92	b	125	d
27	С	60	С	93	b	126	b
28	b	61	b	94	b	127	b
29	а	62	b	95	С	128	С
30	b	63	С	96	С	129	d

31	b	64	а	97	b	130	С
32	b	65	С	98	d	131	b
33	а	66	а	99	С	132	С

							. P
Q	A	Q	A	Q	A	Q	9 A
133	С	166	d	199	а	232	d
134	d	167	d	200	d	233	b
135	d	168	d	201	d	234	С
136	d	169	d	202	а	235	а
137	d	170	d	203	b	236	С
138	d	171	С	204	d	237	d
139	d	172	а	205	C	238	b
140	d	173	С	206	b	239	d
141	d	174	C `	207	b	240	d
142	d	175	a	208	d	241	С
143	С	176	a	209	b	242	d
144	b	177 3		210	b	243	а
145	d	178	ď	211	d	244	d
146	С	179	b	212	а	245	а
147	а	180	С	213	b	246	b
148	а	181	С	214	С	247	С
149	С	182	b	215	d	248	d
150	d	183	С	216	b	249	а
151	С	184	b	217	С	250	С
152	d	185	а	218	b	251	С
153	С	186	b	219	С	252	С
154	С	187	а	220	d	253	а
155	С	188	b	221	b	254	b
156	С	189	b	222	а	255	d
157	d	190	d	223	а	256	b
158	С	191	С	224	b	257	С
159	b	192	b	225	b	258	b
160	b	193	а	226	С	259	d
161	С	194	b	227	С	260	d
162	b	195	b	228	d	261	b

163	С	196	d	229	С	262	d
164	С	197	b	230	b	263	d
165	d	198	d	231	d	264	d

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Q	A	Q	A	Q	A	Q	9 A
265	b	298	b	331	а	364	d
266	С	299	d	332	b	365	а
267	b	300	d	333	С	366	d
268	d	301	d	334	а	367	а
269	С	302	d	335	b	368	а
270	d	303	С	336	d	369	С
271	d	304	d	337	С	370	С
272	С	305	d	338	d	371	b
273	d	306	a	339	d	372	d
274	С	307	C	340	d	373	С
275	С	308	d o	341	d	374	С
276	С	309 4	Ja J	342	b	375	d
277	С	310	ď	343	d	376	С
278	b	311	С	344	d	377	С
279	d	312	d	345	а	378	b
280	С	313	d	346	b	379	b
281	а	314	С	347	а	380	d
282	d	315	b	348	d	381	b
283	а	316	b	349	С	382	С
284	С	317	С	350	b	383	С
285	b	318	C	351	а	384	d
286	d	319	С	352	С	385	С
287	b	320	d	353	а	386	b
288	С	321	а	354	С	387	d
289	а	322	d	355	d	388	b
290	а	323	С	356	d	389	d
291	а	324	а	357	С	390	b
292	С	325	а	358	d	391	а
293	а	326	а	359	а	392	а
294	b	327	а	360	b	393	С

295	С	328	b	361	b	394	а
296	d	329	С	362	С	395	d
297	С	330	а	363	а	396	С

							P
Q	A	Q	A	Q	A	Q	A
397	а	430	b	463	b	496	а
398	а	431	b	464	b	497	d
399	d	432	b	465	b	498	С
400	d	433	b	466	а	499	С
401	а	434	d	467	С	500	d
402	b	435	d	468	d	501	b
403	С	436	d	469	а	502	b
404	d	437	С	470	С	503	С
405	d	438	þ,	471	С	504	С
406	b	439	O	472	а	505	С
407	а	440	/0 &	473	С	506	d
408	d	441 🕹	C.	474	d	507	С
409	С	442	Č	475	d	508	b
410	а	443	d	476	С	509	b
411	а	444	d	477	С	510	b
412	b	445	С	478	С	511	а
413	С	446	С	479	а	512	b
414	а	447	С	480	С	513	d
415	d	448	b	481	b	514	d
416	b	449	С	482	b	515	b
417	b	450	d	483	а	516	b
418	С	451	С	484	b	517	а
419	b	452	d	485	d	518	а
420	а	453	b	486	С	519	b
421	b	454	d	487	b	520	b
422	а	455	d	488	С		
423	d	456	d	489	а		
424	С	457	d	490	С		
425	С	458	а	491	d		
426	d	459	b	492	d		

427	b	460	d	493	d	
428	b	461	b	494	d	
429	а	462	b	495	а	

* A.J.A. "ALLA CALLA SALAN ALLA S