

(Deemed to be University under section 3 of the UGC Act 1956)

Dentistry (Pedodontics and Preventive Dentistry)

Instructions / Note:

- 1. Answer all the questions. Each question carries one mark.
- 2. No negative marks for wrong answers.
- 3. Read each question carefully and answer in the OMR sheet provided for each question with only blue/ black pen to fill the circles in the OMR Sheet.
- 4. Return the question paper along with the OMR sheet.

Time: 90 Minute	S	
Venue:	_	[35X1=35]

Part-B

- 1. The period of development during which school readiness skills are developed and most free time is spent playing with friends is called as
 - A. Middle Childhood
 - B. Infancy
 - C. Late childhood
 - D. Early Childhood
- 2. Meckel's Cartilage disappears By
 - A. 24 Weeks of IUL
 - B. 12 Weeks of IUL
 - C. 16 Weeks of IUL
 - D. 2 Months
- 3. The term used for describing a child's one-word utterances is
 - A. Holophrases
 - B. Telegraphic speech
 - C. Under extensions
 - D. Phrenology
- 4. Tooth affected with Dentinogenesis Imperfecta are generally of which shape.
 - A. Tulip
 - B. Conical
 - C. Shell
 - D. Ovoid

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- 5. The minimal number of lobes from which any tooth may develop is
 - A. 2 lobes
 - B. 3 lobes
 - C. 4 lobes
 - D. 5 lobes
- 6. The cause of development of lateral canal is.
 - A. Cracks in Hertwins epithelial root sheath
 - B. Stellate reticulum cells
 - C. Dental lamina
 - D. Vascular pressure
- 7. According to Vygotsky, Cognitive development depends on
 - A. Mental maturity
 - B. Physical maturity
 - C. Genetics
 - D. Social interaction
- 8. Prenatal period in human is.
 - A. 25 Weeks of IUL
 - B. 40 Weeks of IUL
 - C. 50 Weeks of IUL
 - D. 35 Weeks of IUL
- 9. First fluoride dentifrices (CREST) is
 - A. SnF
 - B. NaF
 - C. Acidulated phosphate fluoride
 - D. Sodium mono fluorophosphates
- 10. Gel KAM is.
 - A. 0.4 % NaF
 - B. 4 % APF
 - C. 0.4 % Stannous Fluoride
 - D. 0.6 % NaF
- 11. Separation anxiety is a common phenomenon in which of the following age groups.
 - A. 8-12 yrs
 - B. 1-3 yrs
 - C. 5-8 yrs
 - D. 4-8 yrs

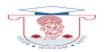
- 12. The concept of Dental home is derived from
 - A. HOME-Evangeline Jordan
 - B. Medical home by American academy of paediatrics
 - C. Ancient Philosophy of dental care
 - D. Preventive measures taken at Home
- 13. Lethal dose of Fluoride for a typical 3-year-old child is approx
 - A. 100 mg
 - B. 200 mg
 - C. 350 mg
 - D. 500 mg
- 14. The position of tongue in infantile swallow is
 - A. Posterior
 - B. Medial
 - C. Lateral
 - D. Anterior
- 15. Desmodont is another name for
 - A. Tooth with one wall socket
 - B. Dehiscence
 - C. Periodontal ligament
 - D. Tooth with 3- wall sockets
- 16. Perikymata are the external surface manifestation of
 - A. Enamel rods
 - B. Incemental lines of Retzius
 - C. Nysmyth's membrane
 - D. Pellicle
- 17. The Psychosocial task during one's high school years is to achieve a sense of?
 - A. Autonomy
 - B. Identity
 - C. Industry
 - D. Despair
- 18. Abnormal function of Epithelial Chloride Channel protein is the cause of
 - A. Ehlers-Danlos syndrome
 - B. Marfan's syndrome
 - C. Cystic Fibrosis
 - D. Chemical solution
- 19. Gutta Percha can effectively be sterilized by
 - A. Dry heat

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- B. Autoclave
- C. Hot salt sterilized
- D. Chemical solution
- 20. The active ingredient of tooth mousse is
 - A. Xylitol
 - B. Calcium
 - C. Casein
 - D. Chlorohexidine
- 21. The shape of the shank of the instrument is described by
 - A. Class
 - B. Subclass
 - C. Suborder
 - D. Order
- 22. length of Junctional Epithelium is
 - A. 0.25-1.35 mm
 - B. 0.5-0.75 mm
 - C. 1.0-2.0 mm
 - D. 1.0-1.5 mm
- 23. Multiple odontogenic cysts are seen in
 - A. Cherubism
 - B. Apert's syndrome
 - C. Marfan's syndrome
 - D. Downs syndrome
- 24. Most common complications of Mumps
 - A. Myocarditis
 - B. Orchitis
 - C. Uveitis
 - D. Conjunctivitis
- 25. Sicca complex is associated with
 - A. Primary Sjogren's syndrome
 - B. Secondary Sjogren's syndrome
 - C. Peutz-Jeghers syndrome
 - D. Plummer-Vinson Syndrome
- 26. Y –axis is used to analyse
 - A. Maxillary growth
 - B. Mandibular growth
 - C. TMJ growth
 - D. To design an appliance

- 27. The best space maintainer for the early loss of primary Incisor is
 - A. Band and loop
 - B. Nance palatal
 - C. Trans Palatal Arch
 - D. Pin and tube
- 28. A mandibular lingual holding arch loops mesial to each molar band is used in children
 - A. Correction of malocclusion
 - B. Regaining space
 - C. Space maintainers only
 - D. Correction of distally tilted molar
- 29. Flumazenil can reverse the action of
 - A. Fentancyl
 - B. Propofol
 - C. Ketamine
 - D. Midazolam
- 30. Lentulo spiral used for
 - A. Location of canal orifice
 - B. Pulp extirpation
 - C. Enlarging coronal third of root canal
 - D. Application of root canal sealers
- 31. length of Peso Reamer is
 - A. 28-32 mm
 - B. 30-35 mm
 - C. 35-40 mm
 - D. 40-45 mm
- 32. The Fluoride Bomb is related to
 - A. High fluoride capsule with high ppm of Fluoride
 - B. Hypoplastic lesion on tooth seen in Fluoride area
 - C. Undiagnosed hidden caries
 - D. Procedure to treat Rampant caries
- 33. Acid etching is done to
 - A. Decrease Microleakage
 - B. Decrease polymerization shrinkage
 - C. Decrease coefficient if Thermal expansion
 - D. Decrease porosity of Restorative material



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- 34. Iron content in 3 M Nickel-based SSC is
 - A. 20%
 - B. 40%
 - C. 60%
 - D. 10%
- 35. Toilet of the cavity is removal of debris by
 - A. Washing with water
 - B. Removal of debris in cold air spray
 - C. Removal of debris in hot air spray
 - D. Washing the cavity with medicament



Dentistry (Prosthodontics)

Part-B

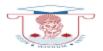
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- 1. Extra retention in abutment in an FPD is obtained by
 - A. Adove tail preparation
 - B. slots & grooves
 - C. Outline form
 - D. increasing tooth reduction
 - 2. Squint test is used in complete denture prosthodontics for
 - A. orientation relation
 - B. Finding out parallelism of ridges
 - C. marking canine lines
 - D. Selecting proper shade of teeth
- 3. Gas entrapment within the mold leads to which type of porosity in casting?
 - A. Pinhole porosity
 - B. Microporosity
 - C. Suck back porosity
 - D. Back pressure porosity



- 4. Most commonly used material for dental implant is
 - A. Ti6Al4V
 - B. Cp titanium
 - C. Zirconia
 - D. Polymers
- 5. Ante's law is used for selection of:
 - A. Pontic
 - B. Retainer
 - C. Rest
 - D. Abutment
- 6. The distance between implant and adjustment tooth should be at least
 - A. 7 mm
 - B. 3.5 mm
 - C. 1.5 mm
 - D. 3.75 mm
- 7. The abutment for a proximal half-crown has:
 - A. An intact distal surface
 - B. An intact buccal surface
 - C. An intact lingual surface
 - D. An intact mesial surface
- 8. The ideal occlusal clearance for a complete cast crown is:
 - A. 0.5 m
 - B. 1.5 mm
 - C. 2 m
 - D. 2.5 mm
- 9. Porcelain bonded to metal is strongest when:
 - A. Air fired
 - B. Tempered after firing
 - C. Fired under compression
 - D. Fired several times before completion
- 10. Sigma implant is
 - A. Zirconia dental implant
 - B. Subperiosteal implant
 - C. Stainless steel alloy implant
 - D. Titanium alloy implant.

- 11. stress breaker is not indicated in which kennedy's classification
 - A. Class 1
 - B. Class 2
 - C. Class 4
 - D. Class 6
- 12. The average root surface area (mm²) of the maxillary 2nd premolar is
 - A. 234
 - B. 220
 - C. 273
 - D. 204
- 13. Nesbit prosthesis is
 - A. Unilateral rpd
 - B. Silicone based nasal prosthesis
 - C. Guidance device for hemimandibulectomy
 - D. Ear prosthesis patient
- 14. Which of the following is a mucostatic impression material?
 - A. Plaster of Paris
 - B. Impression compound
 - C. Wax
 - D. Zinc oxide eugenol.
- 15. In a Balanced Occlusion, if the Incisal guidance is increased, then there is
 - A. Increased condylar guidance
 - B. Increased curve of Spee
 - C. Increased plane of orientation
 - D. Cuspal height is decreased
- 16. Occlusal forces generated by the natural dentition is in the order of
 - A. 50 pounds
 - B. 150 pounds
 - C. 25 pounds
 - D. 100 pounds
- 17. The degree of freedom of rotation of an RPD is
 - A. 4 5 deg
 - B. 1 3 ^ 0
 - C. 8-10°(MAHE 09)
 - D. 6 8 deg



- 18. In Woods classification Order IV corresponds to
 - A. High well rounded
 - B. Depressed
 - C. Knife edged ridge
 - D. Low well rounded
- 19. Material of choice for single step border moulding is
 - A. polyether
 - B. low viscosity silicone
 - C. low fusing green stick compound
 - D. alu-wax
- 20. A patient reported with periodontally compromised canine on one side, occlusal scheme best to be followed is
 - A. Mutually protected
 - B. Group function
 - C. Bilaterally balanced
 - D. Canine guided
- 21. Path of insertion and removal of an RPD is determined by guide planes and
 - A. minor connector
 - B. occlusal rest
 - C. major connector
 - D. clasp
- 22. As brightness becomes more intense, colour appears to change. The effect is called as
 - A. Metamerism
 - B. Bezold brucke effect
 - C. Tyndal effect
 - D. Chameleon effect
- 23. Gingival retraction with mechano-chemical method provides
 - A. displacing the gingival tissues laterally away from the tooth
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- 24. Setting of plaster of Paris is a result of
 - A. Solubility difference between hemihydrate and dihydrate
 - B. Interaction between hemihydrate and water
 - C. Loss of water from hemihydrate
 - D. Indirect interaction between hemihydrate and dihydrate

- 25. Die of which impression material can be electroplated
 - A. Polysulfide
 - B. Polyether
 - C. Addition silicon
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- 26. Which of the following is the correct order of value in a shade guide (from lightest to darkest)?
 - A. B_1 , B_2 , A_1 , C_1 , C_2
 - B. B_1 , A_1 , B_2 , C_1 , C_2
 - C. A_1, B_1, B_2, C_1, C_2
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- 27. Occlusal rest is in the outline form of
 - A. Acute triangle
 - B. Obtuse triangle
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- 28. Final product in alginate is
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- 29. Material causing minimum tissue distortion
 - A. Zinc oxide eugenol
 - B. Polysulphide
 - C. Impression plaster
 - D. Silicone
- 30. The angle between occlusal rest and the vertical minor connector from which it originates is:
 - A. 90 degrees
 - B. 100 degrees
 - C. 120 degrees
 - D. Less than 90 degrees
- 31. Half and half clasp is best used on:
 - A. Titled molars
 - B. Isolated teeth
 - C. Supra erupted teeth
 - D. Distal abutments in a Kennedy class I case



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- 32. The junction of mandibular minor connector with major connector is:
 - A. Butt type joint
 - B. There is no joint
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- 33. While pronouncing S, T, D, N, Z sounds tip of tongue makes contact with:
 - A. Anterior 2/3rd of palate
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- 34. The ideal crown height space needed for a fixed implant prosthesis should range between
 - A. 4-6 mm
 - B. 6-8 mm
 - C. 8-12 mm
 - D. 15-16 mm
- 35. The most suitable margin design for porcelain jacket crown (full-porcelain crown) is
 - A. Shoulder
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Dentistry (Prosthodontics & Crown and Bridge)

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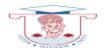
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