

Printing Page(s) : 1

Paper Code : MDS-101 (Oral S.)
(SVSU): 2024-2025/R (B)

EnrollmentNo.

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MDS**(Oral Surgery)****1st Year Examination****PAPER-I****(Applied Basic Science)****(Applied Anatomy, Physiology, Pathology, Pharmacology
& Biostatistics)****[Time: 3 hrs]****[Max.Marks: 100]****Note: Attempt all the questions. Draw suitable diagrams to
support your answers. Question No. 9 & 10 are MCQs****Part A & Part B [8x10=80 Marks]****Part A**

- Q1. Development of face**
- Q2. Shock**
- Q3. Arterial supply of head and neck**
- Q4. Pre-anesthetic checkup**
- Q5. Principles of antibiotic therapy**

Part B

- Q6. Examination of ulcer**
- Q7. Homeostasis**
- Q8. Wound Healing**
- Q9. Multiple Choice Questions (in Separate Sheet) [10]**
- Q10. Multiple Choice Questions (in Separate Sheet) [10]**

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Q 9. Multiple Choice Questions: (Write the correct option in the box)

[1×10=10]

1. Disulfiram reaction is caused by
 - a. Alcohol with tetracycline
 - b. Alcohol with metronidazole
 - c. Alcohol with quinolones
 - d. None of the above☐
2. What is the jumping distance beyond which bone grafting should be done in immediate implant?
 - a) 1.5 mm
 - b) 2.5 mm
 - c) 3.5 mm
 - d) 4.5 mm☐
3. The process in which a dental implant integrates with the jawbone is called:
 - a) Osteotomy
 - b) Osseointegration
 - c) Bone grafting
 - d) Fibrous encapsulation☐
4. Father Of Anesthesiology?
 - a) Dr. Horace Wells
 - b) Dr. William Morton
 - c) Sir Ernst Volwiler
 - d) Sir Edmund Andrews☐
5. Which of the following is the most commonly used approach for treatment of TMJ ankylosis
 - a) Al Kayat and Bramley
 - b) Standard Preauricular Incision
 - c) Blair "S" incision
 - d) None of the above☐
6. What is the gold standard diagnostic technique for evaluating an oral potentially malignant disorder?
 - a) Cytological smear
 - b) Blood tests
 - c) Biopsy
 - d) Radiographic imaging☐
7. In 3-3-2 Rule, 2 Finger Width Is?
 - a) Inter-incisal Distance
 - b) Hyoid-mental Distance
 - c) Thyroid- floor of mouth Distance
 - d) None of the above☐
8. Valid Consent Is?
 - a) In regional language
 - b) Written
 - c) Informed
 - d) All of the above☐
9. The posterior entrance point in arthrocentesis of TMJ lies how much anterior to the midtragus ?
 - a) 5mm
 - b) 7mm
 - c) 10mm
 - d) 15mm☐
10. Ginwala's incision is used for
 - a) Treatment of Trigeminal Neuralgia
 - b) Condylar fracture treatment
 - c) None
 - d) Both of the above☐

[P.T.O.]

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Q 10. Multiple Choice Questions: (Write the correct option in the box)

[1×10=10]

1. Exchange of molecules in Na-K pump is ?
 - a) 3Na in and 2 K out
 - b) 3Na out and 2 K in
 - c) 3K in and 2 Na out
 - d) 3K out and 2Na in

☐
2. Which of the following is the optimal condition for autoclaving media?
 - a) 121°C, 15-30 min, 15 pounds/inch²
 - b) 100°C, 10 min, atmospheric pressure
 - c) 200°C, 30 min, high pressure
 - d) 150°C, 30 min, high pressure

☐
3. ATP formed in the process of Glycolysis by per glucose molecule ?
 - a) 2ATP
 - b) 4ATP
 - c) 3ATP
 - d) 6ATP

☐
4. What is the primary target of HIV in the human body?
 - a) Red blood cells
 - b) CD4+ cells
 - c) Liver cells
 - d) CD8+ cells

☐
5. Which type of scale applies when data are categorized without any inherent order, such as "HIV positive" and "HIV negative"?
 - a) Ordinal
 - b) Interval
 - c) Nominal
 - d) Ratio

☐
6. Which Calcium deposition in Tuberculous lymph nodes?
 - a) Dystrophic calcification
 - b) Apoptosis
 - c) Hypercalcemia
 - d) Metastatic calcification

☐
7. Through which bone does the foramen magnum pass?
 - a) Temporal bone
 - b) Sphenoid bone
 - c) Occipital bone
 - d) Ethmoid bone

☐
8. Stem cells can be :
 - a. Multipotent
 - b. Pluripotent
 - c. Totipotent
 - d. All of the above

☐
9. Which nerve provides sensory innervation to the TMJ?
 - a) Facial nerve
 - b) Trigeminal nerve
 - c) Glossopharyngeal nerve
 - d) Hypoglossal nerve

☐
10. The study of absorption, distribution, metabolism and excretion of drug is known as
 - (a) Pharmacy
 - (b) Pharmacokinetics
 - (c) Pharmacodynamics
 - (d) Pharmacopoeia

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