Rajiv Gandhi University of Health Sciences, Karnataka

M.D.S (Part-I) Degree Examination - 06-Nov-2023

Time: Three Hours   Max. Marks: 100 Marks

PUBLIC HEALTH DENTISTRY

PAPER – I: Applied Basic Sciences: Applied Anatomy and Histology, Applied Physiology and Biochemistry, Applied Pathology, Microbiology, Oral Pathology, Physical and Social Anthropology, Applied Pharmacology and Research Methodology and Biostatistics (RS-5)

Q.P. CODE: 6063

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

Answer All The Questions   **10 X 10 = 100 Marks**

1. Define clotting of blood. Summarize the mechanism of clotting in a flow chart. Describe the management of a hemophiliac patient who needs extraction in a dental clinic.

2. Define a medical emergency. List the common medical emergencies in dental practice. Describe the management of an epileptic patient in dental practice.

3. Classify salivary glands. Explain why saliva is said to be an excellent remineralizing agent. Describe the clinical management of a patient with severe hyposalivation.

4. Describe the embryological development of tongue and list the developmental anomalies of tongue.

5. Define Neoplasia. Classify oral Neoplasia. Discuss the most common neoplastic lesion.

6. What are carbohydrates? Classify carbohydrates. Describe glycolysis pathway.

7. Which are the microorganisms implicated in causation of dental caries?

8. Define antibiotic. Classify antibiotics. Which are the most common antibiotics used in oral infections and why?

9. Define confounder in health research. Which are the most common confounders in oral health research? Mention the methods to control confounding.

10. Define data. Classify data. Describe the various methods of data presentation. Add a note on Box-whisker plot.

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