



JBS-4819

Seat No. _____

Second Year B. D. S. Examination

January - 2020

Pathology

Time : 3 Hours]

[Total Marks : 70

- Instructions :** (1) Write Section-1 and Section-II in separate answer books.
(2) Figures to the right indicate full marks.
(3) Draw neat and clean diagrams wherever necessary.
(4) Attend all questions.

SECTION - I (35 marks)

- 1 Define necrosis. Describe various types of necrosis with examples. **10**

OR

- 1 Define shock. Name the various types of shock. Describe the patho physiology and complication of septic shock. **10**

- 2 Answer in brief : (any five) **2×5=10**

- (a) Define metaplasia. Give two examples.
(b) Ghon's complex
(c) Enumerate 4 Vitamin K dependent coagulation factors.
(d) Dystrophic calcification.
(e) Define Oncogenes Give two examples.
(f) Wound healing by secondary Union.

- 3 Write notes on : (any five) **3×5=15**

- (a) Ameloblastoma.
(b) Define Anemia. Give P/S findings of Megaloblastic anemia.
(c) Risk factors of atherosclerosis.
(d) Protein energy malnutrition (P.E.M.)
(e) Viral lesions of oral cavity in an immunocompromised patient.
(f) Laboratory diagnosis of diabetes mellitus.

SECTION - II

- 4 Full questions : 10
Define Sterilisation and Disinfection. Enumerate various methods of Sterilisation. Write in detail about Autoclave.
- OR**
- 4 Full questions : 10
Describe Pathogenicity and laboratory diagnosis of *Streptococcus pyogenes*.
- 5 Answer : (any two) 10
(a) ELISA.
(b) Candidiasis
(c) Laboratory diagnosis of Hepatitis B virus.
- 6 Answer in brief : (any five) 15
(a) Name three organisms normally present in oral cavity.
(b) Name three Enriched media.
(c) Name three differences between T cells and B cell.
(d) Name three bacteria causing Meningitis.
(e) Write three differences between *P.vivax* and *P. falciparum*.
(f) Write three names of DNA viruses.
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