

BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY), PUNE- INDIA
DOCTOR OF MEDICINE
M. D. PATHOLOGY :SUMMER- 2022
SUBJECT : PAPER-I

Day : Friday
Date : 1/7/2022

S-722-2022

Time : 01:30 PM-04:30 PM
Max. Marks : 100

N.B.:

- 1) **Q. No.1 and Q. No.2 are COMPULSORY.**
- 2) Attempt **ANY SEVEN** questions from **Q. No.3 to Q. No.10.**
- 3) Figures to the right indicate **FULL** marks.
- 4) Draw neat and labelled diagrams **WHEREVER** necessary.

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| Q.1 | Discuss etiology, pathophysiology and effects of obesity. | (15) |
| Q.2 | Discuss role of endothelium in hemostasis and thrombosis. | (15) |
| Q.3 | What are the types of hypersensitivity reaction? Describe mechanism of type III hypersensitivity reaction with suitable examples. | (10) |
| Q.4 | Describe The Bethesda system for reporting thyroid cytopathology. | (10) |
| Q.5 | Discuss briefly oncogenes and its associated tumours. | (10) |
| Q.6 | Describe pathogenesis of radiation oncogenesis. | (10) |
| Q.7 | Write a note on necroptosis. | (10) |
| Q.8 | Write a note on autosomal dominant disorders. | (10) |
| Q.9 | Describe role of extracellular matrix components in wound healing. | (10) |
| Q.10 | Discuss role of histopathology in diagnosis of infectious disease. | (10) |

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