

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

SUBJECT : PAPER-IV

(Recent Advances & Applied Aspects)

Day : Friday

Time : 01:30 PM-04:30 PM

Date : 8/7/2022

S-765-2022

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 histological and molecular classification of gliomas. | (15) |
| Q.2 | Discuss briefly pediatric solid tumours with recent advances. | (15) |
| Q.3 | Write a note on liquid biopsy. | (10) |
| Q.4 | Describe pathogenesis of COVID 19 infection. | (10) |
| Q.5 | Write a note on biomedical waste management in pathology lab. | (10) |
| Q.6 | Describe briefly semen evaluation as per WHO2021 guidelines. | (10) |
| Q.7 | Describe pathophysiology of von Willebrands disease with recent updates. | (10) |
| Q.8 | Write a note on tumour markers. | (10) |
| Q.9 | Write a note on telepathology. | (10) |
| Q.10 | Write a note on triple negative breast carcinoma. | (10) |

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