

[MBBS 0124]

JANUARY 2024

Sub. Code : 6054

M.B.B.S. DEGREE EXAMINATION
(For the candidates admitted from the Academic Year 2019-2020)

FIRST YEAR – SUPPLEMENTARY (CBME)

PAPER II – PHYSIOLOGY

Q.P. Code: 526054

Time: Three hours

Maximum: 100 Marks (80 Theory + 20MCQs)

Answer All Questions

I. Essay:

(2 x 15 = 30)

1. A 50 year old male went on a visit to Shimla. On reaching there, he experienced difficulty in breathing, complaints of headache and showed signs of altered sensorium.
 - a) What is the most likely problem he is experiencing?
 - b) What are the different types of above condition?
 - c) Write about its features and management.
2. Trace the visual pathway with a neat diagram. Write about the effects of lesions at various levels in visual pathway.

II. Write Short notes on:

(10 x 5 = 50)

1. What are Baroreceptors? Write the role of Baroreceptors in regulation of Blood pressure.
2. Write a note on Triple response.
3. Define Cardiac output. What are the methods to measure cardiac output?
4. What are the different types of artificial respiration? Explain one in detail.
5. What is Surfactant? Mention its functions.
6. What is Aphasia? What are the types of Aphasia?
7. Write in detail about the functions of Cerebellum.
8. Explain about the formation, circulation and functions of Cerebrospinal fluid.
9. Draw the structure of Organ of Corti. Mention its role in hearing.
10. What are the theories of Colour vision?
