

**AFSS CENTRAL EVALUATION SYSTEM**

Central Assessment Team (CAT), HO Islamabad

**1<sup>st</sup> Mid Term Examination 2017 – 18**

**SCIENCE - Class VIII**

**50 marks 2 hours**

**INFORMATION FOR STUDENTS**

Marks are given against each question or part of question.

Write your name, roll number and date in the spaces provided below.

Student Name:  Roll No:

Center Name:  Date:

Day:

Invigilator Name:  Sign:

Marks Obtained:  Remarks:

Examiner Name:  Sign :

Date:  Day:



**Q No2: True or false.**

**4/**

- i) Mitosis is the division of somatic cells to create new identical cells. \_\_\_\_\_
- ii) In plants and animals, the cell membrane pinches the divided cell mass into two cells. \_\_\_\_\_
- iii) Meiosis is in diploid cell division. \_\_\_\_\_
- iv) Cerebellum is involved in learning. \_\_\_\_\_

**Q No3: Write the function of the following.**

**10/**

i) Nephron:

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ii) Liver:

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iii) Nervous system:

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iv) Lungs:

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v) Reflex Arc:

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**SUBJECTIVE-30 marks**

**Q No1: Answer any five of the following questions.**

**5x4=20**

- i) A neuron is another name for a cell. Explain its functions.
- ii) Why is mitosis important to all living things?
- iii) Name at least five diseases, disorders or injuries that could affect the nervous system.
- iv) What is gene?
- v) How does DNA duplicate itself?
- vi) What is the use of biotech in agriculture and doing industry?
- vii) Enumerate the types of pollutions.
- viii) How is pollution effecting the environment of Pakistan?

**Q No 2: Draw and Label human excretory system.**

**10/**