**AFSS CENTRAL EVALUATION SYSTEM**

Central Assessment Team (CAT), HO Islamabad

**1st Mid Term Examination 2016 – 17**

**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:  Date: | Sign :  Day: |

***OBJECTIVE***

**Q. No. 1: Draw a bacterium and label it. 6**

**Q. No. 2: 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 all division. \_\_\_\_\_\_\_\_\_

iv) Cerebellum in involved in learning. \_\_\_\_\_\_\_\_\_

**Q. No. 3: Answer these short questions. 10**

i) The lobe of the brain which is important for vision is called.

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ii) The lobe of brain which is important for hearing is called.

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iii) The approximate weight of an adult brain.

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iv) What gives brain messages?

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v) Give two sources of air pollution.

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vi) The two stands of DNA are held together by bonds of:

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vii) All human beings share about how much of their DNA.

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viii) The DNA molecule most commonly takes the form of a.

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ix) What acts as a pathway for sensors and impulses?

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x) A person’s brain is about the size of.

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***SUBJECTIVE***

**Q. No. 3: Answer the following questions. Any six 5 x 6 = 30**

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) Name one part of the brain and one of its function.

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?