



INDIAN SCHOOL MUSCAT
FIRST SUMMATIVE ASSESSMENT 2016 - 2017
SCIENCE - RETEST

STD : VIII _____
DATE : 09.10.2016

MAXMARKS: 60
TIME: 2 HOURS

NOTE: ALL QUESTIONS TO BE ANSWERED IN SEPARATE ANSWER SHEETS.

QUESTION NOs. 1 TO 4 CARRY 5 MARKS EACH.
QUESTION NOs. 5 TO 13 CARRY 1 MARK EACH.
QUESTION NOs. 14 TO 22 CARRY 2 MARKS EACH.
QUESTION NOs. 23, 24 & 25 CARRY 3 MARKS EACH.
QUESTION NO. 26 CARRIES 4 MARKS.

1. FILL IN THE BLANKS.

- S.I unit of force is _____.
- Plastics that can be reheated and remoulded are called _____.
- The famous star Polaris belongs to _____ constellation.
- Metals react with acids to produce _____ gas.
- _____ involves heating a foodstuff to a high temperature and then cooling it rapidly.

2. CHOOSE THE CORRECT ANSWER

- The jelly-like fluid substance present in the cell.
i) chloroplast ii) cytoplasm iii) protoplasm iv) chromosome
- Which of the following plastic is used for making medicine bottles?
i) PVC ii) PET iii) PP iv) PS
- Coal is formed from the remains of
i) vegetation only ii) animals only iii) both animals and vegetation
iv) neither vegetation nor animals
- Which of the following can be beaten into thin sheets?
i) Phosphorous ii) Sulphur iii) zinc iv) silicon

e) The causative pathogen of Apple scab is _____.

- i) fungi ii) virus iii) protozoa iv) bacteria

3. WRITE WHETHER THE GIVEN STATEMENT IS TRUE OR FALSE

- a) Gravitational force is a contact force.
b) Cells exist in different shapes.
c) CNG is a less polluting fuel than petrol and diesel.
d) Bromine is a non metal which exists in gaseous form.
e) Comets are large pieces of rocks or metals.

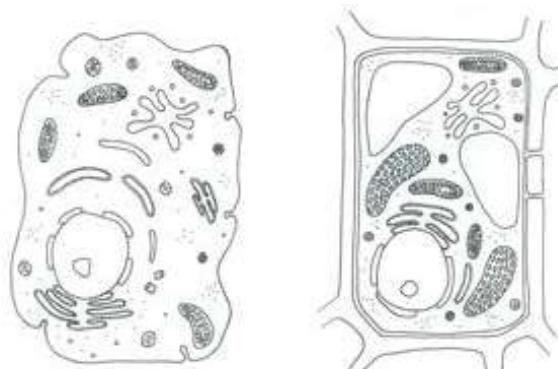
4. NAME THE FOLLOWING

- a) A preparation of killed or weakened disease –causing microbes.
b) The Power house of the cell.
c) The first true synthetic fibre.
d) A star also known as Alpha Ori
e) The property by virtue of which metals can be drawn into thin wires.

ANSWER THE FOLLOWING QUESTIONS

- 5) Gymnasts often apply a coarse material on their hands. Account for this.
6) How is cell division responsible for growth?
7) What do you mean by a Polymer?
8) Why disposal of plastic is considered as an environmental hazard?
9) Convert **100** light years into Kilometers.
10) Komal was heating oil to fry potato chips. The cooking oil all of a sudden caught fire. she poured water immediately to extinguish the fire. Do you think this action was suitable? Give reason to support your opinion.
11) Write word equation to show the reaction of Sodium with cold Water.

- 12) What is Nitrogen fixation?
- 13) Name a useful bacteria which lives in human intestines.
- 14) Define friction. Write any one advantage of friction.
- 15) Differentiate between rolling friction and sliding friction.(one point).Give an example in which sliding friction is converted into rolling friction.
- 16) Name the cell organelle called as ‘Suicide bags of the cell’. Why is it so called so?
- 17) List two ways to counter the harmful effects associated with plastic disposal.
- 18) Differentiate between Thermoplastics and Thermosetting plastics. Give one example for each.
- 19) Name the brightest star in the night sky. How do you locate it with the help of Orion constellation?
- 20) Write any two characteristics of an ideal fuel.
- 21) List any two chemical properties on the basis of which metals can be distinguished from non-metals.
- 22) Write the mode of transmission and causative pathogen in the following diseases.
i) Tuberculosis **ii)** Foot and mouth disease
- 23) **i)** Observe the diagrams **A** and **B** given below and identify them
ii) Mention any two points of difference between them.



A

B

24) i) What is Fermentation?

ii) Name the protein present in milk

iii) Name the bacterium present in curd and write its role in the conversion of milk into curd.

25) Khushi took a piece of burning charcoal and collected the evolved gas in a test tube.

i) How will she find the nature of the gas?

ii) Write down the word equation for the above reactions taking place in this process.

26) Observe the below diagram and answer the following questions:

i) Name the process involved in the refining of petroleum.

ii) Name the products labeled as D, E, F

iii) Write any one use of 'A'

iv) Mention any two alternate sources of energy to conserve fossil fuels.

