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**INDIAN SCHOOL MUSCAT
MIDDLE SECTION
FIRST PERIODIC TEST 2019-20**



SUBJECT –SCIENCE – SET B

Code: MZSC08

CLASS: 8

Time Allotted: 40 minutes.

23-05-2019

Max. Marks: 20

Marks obtained:

General Instructions:

1. **All** questions are **compulsory**.
2. **All answers should be written in the space provided in the question paper.**

SECTION A

Q.NO FILL IN THE BLANKS

Marks

1 _____ is the brightest planet in the night sky. 1

2 The SI unit of pressure is _____. 1

3 If force exerted by an object is 15 N, then the magnitude of the force is _____. 1

4 The celestial body that reaches on the surface of the Earth is _____ 1

Pressure exerted by water at the bottom of the container depends on the _____ of the water column.

5 _____
6. _____ Constellation helps to locate the brightest star Sirius easily. 1

MULTIPLE CHOICE QUESTIONS

7 The planet that rotates from east to west is _____ 1

a) Earth b) Uranus c) Jupiter d) Mars

Answer : -----

8 Which gas is the main constituent of moon's atmosphere? 1

a) Methane b) hydrogen c) carbon dioxide d) none of these

Answer : -----

9 Which force is used to separate solid pollutant particles from smoke given out from factories? 1

a) Magnetic force b) electrostatic force
c) gravitational force d) friction

Answer : -----

- 10 A body is said to be under balanced forces when the resultant force applied on that body is _____ Answer:----- 1
:-----
a) 0 b) 1 c) infinity d) none of these
- 11 The planet that have the longest period of revolution is _____ Answer:----- 1
:-----
a) Mercury b) Jupiter c) Neptune d) Uranus
- 12 We use a straw to drink juice from a glass. This is possible due to the presence of _____ Answer:----- 1
:-----
a) Atmospheric pressure b) liquid pressure c) gravitational force
d) all the above

SECTION B

ANSWER IN ONE WORD OR ONE SENTENCE

- 1 Why does the pole star not change its position in the sky? 1

- 2 Why do Eskimos wear ski-like shoes? 1

- 3 What makes Uranus appear to roll on its side during its revolution? 1

- 4 What is the effect of force on the shape of an object? Write an example to illustrate it. 1

ANSWER THE FOLLOWING IN TWO SENTENCES

2

- 5 A box exerts a force of 20 N on the ground. The box covers an area of 2 sq. m on the ground. Calculate the pressure exerted by the box on the ground.

2

- 6 i) Why does an astronaut weigh less on moon than on earth?

- ii) Calculate the weight of an object on earth if it weighs 8 kg on moon.

End of the question paper.