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



SUBJECT –SCIENCE – SET A

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	<u>FILL IN THE BLANKS</u>	Marks
1	_____ is the brightest star in the night sky.	1
2	The force acting on a unit area of a surface is called _____.	1
3	The type of force applied by a vendor when he is pushing the push cart is _____	1
4	The least dense planet in our solar system is _____.	1
5	A celestial body that revolves around another celestial body is called _____	
6	_____ force causes a balloon to attract another balloon	1

MULTIPLE CHOICE QUESTIONS

- | | | |
|---|---|--------------|
| 7 | Which force always opposes motion? | 1 |
| | a) Gravitational force b) electrostatic force c) friction | Answer : --- |
| | d) magnetic force | |

- 8 Two objects repel each other. This could be due to _____ 1
a) Either magnetic force or friction Answer : -----
b) Either electrostatic force or friction
c) Either magnetic force or electrostatic force
d) Magnetic force only
- 9 A girl is pushing a box towards east direction. In which direction should her friend push the box so that it moves faster in the same direction? 1
a) East b) west c) north d) south Answer : ---
- 10 To which of the following category does Orion belong? 1
a) constellation b) star c) dwarf planet d) satellite Answer:-----
- 11 The star that lies close to the axis of rotation of the earth is _____ 1
a) Sirius b) proxima centuari c) pole star d) Ursa major
- 12 The planet that rotates from east to west is _____ 1
a)Earth b)Uranus c) Jupiter d) Mars

SECTION B

ANSWER IN ONE WORD OR ONE SENTENCE

- 1 Write any two uses of artificial satellite. 1

- 2 A star is ten light years away from the earth. Suppose it brighten ups suddenly today. After how much time shall we see this change? 1

- 3 Why is it easier to push a nail in a wooden plank through its pointed end? 1

4 Why do deep sea divers wear special suits while diving? 1

ANSWER THE FOLLOWING IN TWO SENTENCES

5 i) Two boys exert force of 40 N and 60N in opposite direction on an object. What will be the resultant force on the object? 2

ii) Fruits detached from a tree fall down due to force of gravity. Name the objects interacting in this case.

6 i) Differentiate meteors and meteorites 2

ii) Even though sun casts its hot rays on earth, we do not feel very hot .why?

End of the question paper.