

 <b>PHOENIX PUBLIC SCHOOL</b> ISANPUR, AHMEDABAD - 382443.		Seat No. : _____																														
EXAM :	DATE :	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Ques. No.</th> <th style="width: 15%;">Total Marks</th> <th style="width: 15%;">Marks Obtain</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td></tr> <tr> <td colspan="3" style="text-align: center;"><b>TOTAL</b></td> </tr> </tbody> </table>	Ques. No.	Total Marks	Marks Obtain	1			2			3			4			5			6			7			8			<b>TOTAL</b>		
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Write From Here / અહીંથી લખજું.

FA - 4                      Std - 5

2016 - 17

science

(1) coal is formed from dead

(a) sea animal                      (c) animal

~~(b) tree~~                              (d) none of these

(2) granite is formed from

(a) sediment                      (c) Plants

~~(b) magma~~                      (d) animal shell

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(3) The metamorphic rock formed from limestone is \_\_\_\_\_

- (a) slate (c) gneiss  
(b) marble (d) granite

(4) A rock with many tiny holes may be \_\_\_\_\_

- (a) marble (c) sandstone  
(b) pumice (d) conglomerate

(5) To make our work easy, we use \_\_\_\_\_

- (a) computer (c) simple machines  
(b) power (d) none of them

(6) Scissors, hammer, pliers etc. are \_\_\_\_\_

- (a) second class levers  
(b) third class levers  
(c) fourth class levers  
(d) first class levers

(7) A lever in which the load lies between the fulcrum and the effort is called \_\_\_\_\_

- (a) first class levers (b) second class levers  
(c) third class levers (d) four class levers

(8) Fishing rod, tongs, tweezers etc. are the examples of \_\_\_\_\_

- (a) first class levers (b) second class levers  
(c) third class levers (d) none of them

(9) Without an \_\_\_\_\_, a wheel cannot be used as machine.

- (a) wheel (c) rod  
(b) axle (d) force

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- (10) Some jacks are in the form of \_\_\_\_\_  
 (a) screw. (b) hammer  
 (c) rod (d) wheel.
- (11) You need a needle to sew a \_\_\_\_\_  
 (a) cut  (b) cloth.  
 (c) play (d) none of them.
- (12) The grooves on a screw are like the  
 road on \_\_\_\_\_  
 (a) road (b) river.  
 (c) hill (d) none of them.
- (13) \_\_\_\_\_ has a groove cut.  
 (a) axle (b) wheel  
 (b) rod  (d) screw
- (14) The most common use of \_\_\_\_\_ is to fetch  
 water from a well.  
 (a) pulley (b) wheel.  
 (c) efforts. (d) none of these.
- (15) \_\_\_\_\_ and ruby are also found in rocks.  
 (a) stone  (b) diamond  
 (c) Rock (d) coin.
- (16) Petroleum is also called \_\_\_\_\_  
 (a) crude oil. (b) slate  
 (c) metallic (d) none of them
- (17) There are \_\_\_\_\_ types of coal.  
 (a) One (b) Two  
 Three (d) four

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(18) The \_\_\_\_\_ was covered with forests and swamps

- (a) moon (b) sun  
(c) both a and b (d) earth

(19) \_\_\_\_\_ changes into marble

- (a) limestone (b) sand stone  
(c) shale (d) none of these

(20) Geology is the science of

- (a) sun (b) earth  
(c) both a and b (d) none of these

Q. 2 A Fill in the blanks.

(1) shale is used to make tiles for roofs

(2) mines are dug deep under the ground to get petroleum

(3) igneous lava is formed when magma cools slowly under the ground

(4) ores Minerals are dug out from mines as

(5) sedimentary limestone is formed from trees and other plants which died millions of years ago.

(6) To draw water from a well a pulley is used

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- (7) A simple machine has very few parts in it.
- (8) A slide is shaped like an inclined plane.
- (9) In a nut cracker, the load lies between the fulcrum and the effort.
- (10) In a lever if the effort is between the fulcrum and the load it is a third class lever.

Q-2B 'True' or false

- (1) A pair of scissors is an example of a complex machine. ~~True~~ False
- (2) An inclined plane makes work difficult for us. ~~True~~ False
- (3) A plank can be used as a lever. True
- (4) Wedge is a machine having several threads. ~~True~~ False
- (5) A screw holds things firmly together. True
- (6) A screw driver is an example of second kind of lever. ~~True~~ False
- (7) Metals are used for jewellery. True
- (8) Slate has formed from shale. True
- (9) Marble is used for making statues. True

[6]

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(10) Conglomerate rock has even texture. ~~True~~

Q-3 Ques - Ans.

(1) How are sedimentary rocks formed?

(2) How are metamorphic rocks formed?

(3) How are igneous rocks formed?

(4) How are rocks useful to us?

(5) How is coal formed? Name the different types of coal.

(6) How are simple machines different from complex machines.

(7) What are the three categories into which levers are divided.

(8) What way wheels and pulley are useful?

(9) Why are hospitals provided with inclined planes or ramps?

(10) What are inclined planes?