

2022 XI 11

0230

Seat No.

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Time : 1 Hour

FIRST-TERM

CONSTRUCTION

Subject Code

H	4	0	8	0
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Total No. of Questions : 20 (Printed Pages : 8)

Maximum Marks : 20

- INSTRUCTIONS :**
- (i) Every question has four choices for its answers (A), (B), (C) and (D) and only one of them is correct answer.
 - (ii) On the OMR sheet, for each question number, darken with a ball point pen **ONLY ONE** bubble corresponding to what you consider to be the most appropriate answer, from among the four choices.
 - (iii) **Please note that it is not possible to change the answer once you have filled up the bubble with a ball point pen. Hence sufficient care must be taken while darkening the bubbles.**
 - (iv) For each question, you will be awarded **ONE** mark, if you have darkened only the bubble corresponding to the correct answer. In all other cases, you will get zero mark. **There is no negative mark.**
 - (v) Only **one** OMR sheet will be provided.
 - (vi) Use only Black or Blue Ball Point Pen.

Select and write the most *correct* alternative from the options given below :

1. In masonry construction as per construction requirement, stones are given uniform shape and size by using masonry tools. This process is called as of stone.
 - (A) Chiselling
 - (B) Smoothing
 - (C) Hammering
 - (D) Dressing

2. What best can be done if a colleague is found to be in a problem while executing a task ?
 - (A) Provide guidance and help him with known skill
 - (B) Complain to the reporting senior and continue with the job
 - (C) Force him to do it himself
 - (D) Ignore his work

3. The correct masonry tool which is used to check the verticality of wall, column is
 - (A) Plumb bob
 - (B) L square
 - (C) Lines & pins
 - (D) Floating rule

4. Which of the following is an example of oral communication ?
 - (A) Newspaper
 - (B) Letters
 - (C) Phonecall
 - (D) E-mail

5. The type of masonry pointing which is a modification of flush pointing and in which face of pointing is kept inclined and upper edge is pressed inside the face by 10 mm is pointing.
- (A) Beaded
 - (B) Recessed
 - (C) Tuck
 - (D) Struck
6. Which of the following activity is involved in project planning ?
- (A) Co-ordinating sequence of every work activity
 - (B) Delaying in material procurement
 - (C) Unskilled workers procurement on site
 - (D) Not maintaining coordination between labour, plant and subcontractor
7. The random Rubble masonry which is carried out in courses such that stones are in a particular course of equal height is called as.....
- (A) Coursed random rubble masonry
 - (B) Uncoursed random rubble masonry
 - (C) Ashlar chamfered
 - (D) Polygonal masonry
8. What are the three basic requirements of a fire ?
- (A) Fuel, heat and hydrogen
 - (B) Fuel, heat and oxygen
 - (C) Fuel, heat and sulphur
 - (D) Fuel, heat and nitrogen

9. Choose the option which is not a sustainable development goal :
- (A) Clean water and sanitation
 - (B) Gender equality
 - (C) Population
 - (D) Reduced inequalities
10. Hearting stones used in random rubble masonry can be defined as
- (A) Chips or spalls of stones used for filling the voids between adjacent stones
 - (B) Hammer dressed stone approximately regular in shape
 - (C) Stones less than 150 mm in size used for interior filling of wall
 - (D) Heart shaped stones
11. What is the time limit within which the cement mortar has to be consumed from the instant of adding water to the mix ?
- (A) 10 min
 - (B) 90 min
 - (C) 1 hour
 - (D) $\frac{1}{2}$ hour
12. The requirement of material submitted in standard format by the site to purchase department with self explanatory information about the materials is termed as
- (A) Index
 - (B) Material list
 - (C) Requisition
 - (D) Checklist

13. 'Why haven't you completed your work ?' is an example of kind of sentence.
- (A) Declarative
 - (B) Interrogative
 - (C) Exclamatory
 - (D) Imperative
14. The permissible water absorption in bricks when soaked in water prior to construction is
- (A) Not more than one-sixth of the weight of brick
 - (B) Not less than one-sixth of the weight of brick
 - (C) Equal to the weight of brick
 - (D) Twice the weight of brick
15. Which of the following is the best method of storing and stacking construction tools ?
- (A) Keeping tools in a dry place
 - (B) Storing tools without cleaning
 - (C) Power tools kept in open place
 - (D) Keeping pointed tools such as pick axe at entrance of store room
16. Which among the following hinder the timely completion of project ?
- (A) Engage right tool for the right job
 - (B) Follow safe operating procedures and instructions
 - (C) Ensure accuracy while measuring and marking
 - (D) None of the above

17. Which of the following actions will not help a green construction sector ?
- (A) Extracting sand from river beds
 - (B) Use of solar energy
 - (C) Using local construction materials
 - (D) Properly design buildings which use natural energies such as sunlight, air etc
18. Which one of the following is not a safety requirement for a power tool ?
- (A) Make sure that the machine is in good working condition
 - (B) Make sure that the machine has safety guards
 - (C) Make sure that the operator is trained properly
 - (D) Make sure that the machine is brand new
19. What are the uses of attending a Mock fire drill ?
- (A) Fight against fire and safeguard co-workers
 - (B) Increasing confidence to work during fire break out
 - (C) Learning evacuation and emergency procedure
 - (D) It is just a routine exercise
20. What is the best method to obtain information about health and safety regulations ?
- (A) Ask site visitors
 - (B) Get it from the management staff
 - (C) Attend health and safety campaigns
 - (D) From the manufacturers handbook

