

SAMPLE

TIME: A HOURS
FULL MARKS: B

NAME: _____

APPLICATION NO: _____

**Candidate
Signature**

PLEASE READ THE INSTRUCTIONS GIVEN BELOW CAREFULLY:

- Please write your full name in **BLOCK LETTERS** (as it appears in the admit card) and application number in the space given above using preferably a **BLACK PEN**. Please put your signature in the adjacent box above.
- The question booklet is split up into Paper-I (domain specific 75 questions) and Paper-II (general awareness 25 questions). The last page includes an OMR sheet that needs to be filled up following the instructions given overleaf.
- Each question has only **ONE CORRECT ANSWER**. The **CORRECT ANSWER** needs to be indicated by filling up the appropriate circle on the OMR sheet.
- All questions are of **ONE MARK**. There are **NO NEGATIVE MARKING** for incorrect responses.
- Calculator and other electronic gadgets are not allowed during examination.
- Rough work and calculations can be done on the margins and the blank pages of the booklet.

Instructions for Filling up OMR Sheet

- Answers need to be marked with PENS.
- Each question will be followed by answers marked as A, B, C, or D. Select the most appropriate answer. Darken the circle bearing the correct answer index against the serial number of the question on the OMR sheet with the pen. For example, if the answer to question number 1 is C, it is to be marked as follows on the OMR Sheet:

S No	A	B	C	D
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- How to change your answer: If you wish to change your answer, please diagonally CROSS OUT the already darkened circle, and then darken the circle bearing the answer index which you now think is correct.
- The Question Booklet must be handed over to the Invigilator before leaving the Examination Hall. The OMR Sheet SHOULD NOT be torn off from the question booklet.
- Violation of any of these instructions or use of unfair means will entail cancellation of the whole Test.

PAPER – I: SUBJECT-AREA [X Marks]

Answer the following questions independently

- Which are the companies manufacturing HEMM's ?
A. CAT B. HITACHI C. BEML D. All of these
- BEML is an abbreviation for
A. Bhartiya Earth Moving Limited B. Bharat Earth Moving Limited
C. Bharat Earth Mover Limited D. None of these
- The feature of mobile crusher is
A. They can be relocated B. They can handle bulk raw material
C. They are fixed at one-point D. None of these
- What is the purpose to of radiator?
A. To transfer mechanical energy into electrical
B. To transfer light energy into mechanical
C. To transfer thermal energy from one medium to another
D. None of these
- The tooth thickness of rack is measured by
A. Universal vernier caliper B. Gear tooth vernier calliper
C. Flange micrometer D. Gear tester
- The power of dozer is measured in
A. WATT B. OHM C. B.H.P. D. None of these
- How can you use the engine of your vehicle to control your speed?
A. By changing to a lower gear B. By selecting reverse gear
C. By changing to a higher gear D. None of these
- In case of a belt conveyor, the driving motor
A. always starts on no load B. always starts on load
C. always runs at slow speed D. None of these
- What procedure do you follow when the load on your forklift obscures your view in front?
A. Dismount, check that the way is clear, then drive slowly forward sounding the horn.
B. Travel in reverse looking in the direction of travel.
C. Raise the load so that you can see under it.
D. None of these
- The drill holes which are driven vertically and make the sides of the excavation are described as
A. Easers B. Simpers C. Dressers D. None of these
- Identify the wrong mine truck design
A. Articulate truck B. Rear dump truck C. Bottom dump truck D. Side dump truck
- Conveyor Belt life is reduced by
A. impact of loading B. conveying horizontally as compared to incline
C. using pulverized materials D. All of these
- What will you do after stopping and before getting out of pay loader and shovel?
A. Switch off the safety lock B. Lower the bucket in land
C. Check for diesel and oil D. Wait for the next operator

PAPER – II: GENERAL AWARENESS [Y Marks]

Answer the following questions independently

14. In which year, Chilika Lake was designated as the first Indian wetland of international importance
A. 1981 B. 1985 C.1987 D.1990
15. The hot water spring Atri is located in
A. Khurda District B. Anugulstrict District
C.Gajapati District D.Kendrapara District
16. Who wrote "Bande Utkala Janani", the official state song of Odisha
A. Madhusudan Das B. Madhusudan Rao
C. Kuntala Kumari Sabat D. Laxmikanta Mohapatra
17. In which year, Bhitarkanika was designated as National Park
A. 1998 B. 1999 C.2000 D.2002
18. Which state government started largest floating power project by 2023.
A.Tamil Nadu B. Madhya Pradesh C. West Bengal D. Karnataka
19. Justice Hima Kohli has become the 1st woman chief justice of which high court?
A. Telengana B. Karnataka C. Punjab D. Tamil Nadu
20. India's 1st Sports National University has been launched in
A. Sikkim B. Manipur C. Kerala D. Punjab

NAME: _____ APPL NO: _____

OMR ANSWER SHEET

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