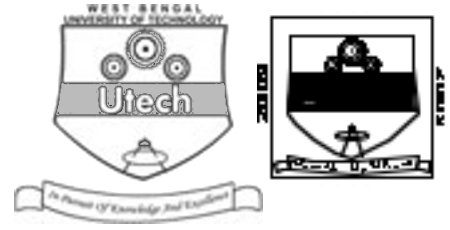


ENGINEERING (SEMESTER - 2)

CS / BHM(O) / SEM-2 / HM-208 / 09



1.
Signature of Invigilator

2.
Signature of the Officer-in-Charge

Reg. No.

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Roll No. of the Candidate

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CS / BHM(O) / SEM-2 / HM-208 / 09

ENGINEERING & MANAGEMENT EXAMINATIONS, JUNE – 2009

ENGINEERING (SEMESTER - 2)

Time : 3 Hours]

[Full Marks : 70

INSTRUCTIONS TO THE CANDIDATES :

- This Booklet is a Question-cum-Answer Booklet. The Booklet consists of **32 pages**. The questions of this concerned subject commence from Page No. 3.
- In **Group – A**, Questions are of 'Fill in the blanks' type. You have to write the answers in the space provided **marked 'Answer Sheet'**.
 - For **Groups – B & C** you have to answer the questions in the space provided marked 'Answer Sheet'. Questions of **Group – B** are Short answer type. Questions of **Group – C** are Long answer type. Write on both sides of the paper.
- Fill in your Roll No. in the box** provided as in your Admit Card before answering the questions.
- Read the instructions given inside carefully before answering.
- You should not forget to write the corresponding question numbers while answering.
- Do not write your name or put any special mark in the booklet that may disclose your identity, which will render you liable to disqualification. Any candidate found copying will be subject to Disciplinary Action under the relevant rules.
- Use of Mobile Phone and Programmable Calculator is totally prohibited in the examination hall.**
- You should return the booklet to the invigilator at the end of the examination and should not take any page of this booklet with you outside the examination hall, **which will lead to disqualification**.
- Rough work, if necessary is to be done in this booklet only and cross it through.

No additional sheets are to be used and no loose paper will be provided

FOR OFFICE USE / EVALUATION ONLY

Marks Obtained

Group – A

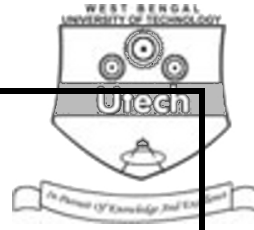
Group – B

Group – C

Question Number																					Total Marks	Examiner's Signature		
Marks Obtained																								

Head-Examiner/Co-Ordinator/Scrutineer

2444 (17/06) (0)



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ENGINEERING & MANAGEMENT EXAMINATIONS, JUNE – 2009

**ENGINEERING
SEMESTER - 2**



Time : 3 Hours]

[Full Marks : 70

GROUP – A

(Fill in the blanks Type Questions)

1. Fill in the following blanks : 10 × 1 = 10
- i) Coal is a solid
 - ii) The device which keeps temperature constant is known as
 - iii) The SI unit of illumination is
 - iv) The SI unit of heat is
 - v) The properties of radiant heat are similar with
 - vi) The diameter of earth wire, as compared to live wire is
 - vii) Smoke detector is generally placed near
 - viii) The unit of luminous flux is
 - ix) APW type fire extinguisher is used in
 - x) The effect of carbon on temperature of resistance is



GROUP – B

(Short Answer Type Questions)

Answer any *three* of the following.



3 × 5 = 15

2. Discuss the classification of Fires.
3. Discuss the types of Fire extinguishers.
4. Describe Zeolite method to convert hard water into soft water.
5. Name different parts of a refrigerator.
6. Discuss what you understand by A.C. and D.C. in electricity.

GROUP – C

(Long Answer Type Questions)

Answer any *three* questions.

3 × 15 = 45

7. Define Traps. Explain the four important types of traps. 3 + 12
8. What is a refrigerant ? State the desirable properties of an ideal refrigerant.
9. Define fuel. What are the different types of fuel used in hotels ? Discuss in detail.
10. Distinguish between Preventive Maintenance and Breakdown Maintenance. Give examples from hotel industry.
11. Draw an Organisation chart of Maintenance Department of a large luxury hotel, giving in detail, the duties and responsibilities of maintenance department.

END