



- Notes :
1. All questions carry equal marks.
 2. Same Answer book must be used for each section.
 3. Due credit will be given to neatness and adequate dimensions.
 4. Assume suitable data wherever necessary.
 5. Illustrate your answers wherever necessary with the help of neat sketches.
 6. Use of slide rule, Logarithmic tables, Steam tables, Mollier's chart, Drawing instruments, Thermodynamic tables for moist air, Psychrometric charts and Refrigeration charts is permitted.
 7. Answer **five** questions.
 8. Use of a non-programmable calculator is permissible.

1. a) What is Human Factor Psychology? Give reasons to study Human Factor Psychology. **8**
- b) Define Human Factor. Write Human Factor categories & factors that can impact on human performance. **8**

OR

2. a) Write short note on:
- i) Introception **4**
 - ii) Proprioception **4**
- b) State few applications of Human Factor Engineering. **8**
3. a) Write major features of constitution of India. **8**
- b) What is a Bill? What are types of bills explain in detail. **8**

OR

4. a) Write in brief with diagram how a bill becomes a act in First house. **8**
- b) Difference between: Public & Private Bill. **4**
- c) Write short note: Fundamental duties mentioned in Indian Constitution. **4**
5. a) Explain: **8**
- | | |
|-------------------|----------------------------------|
| a) Ordinary bill | b) Money bill |
| c) Financial bill | d) Constitutional Amendment bill |
- b) Define bill. Explain process of Bill becomes act in Second House. Draw diagram for it. **8**

OR

6. a) What are factors of production? Explain in detail its 4 factors. 8
b) Write in brief about corporate form & its categories. 8
7. a) Draw HFACS level framework & explain it. 8
b) Define following terms: 8
- | | |
|------------------------|----------------------------|
| a) Renewable Resources | b) Non renewable Resources |
| c) Rent | d) Wages |
| e) Productivity | f) Interest |
| g) Factor Income | h) Nonfactor Income |

OR

8. a) What do you mean by “Formation of Company”. Write steps involved in it. 8
b) Write short note: Type of Cooperative Societies. 4
c) Write short note: Unsafe supervision. 4
9. a) Discuss major obstacles to eco growth. 8
b) Explain in brief 4 key indicators of eco development. 8

OR

10. a) Discuss important of Business Economics in managerial decision making. 8
b) Write about underdevelopment & its characteristics. 8
