

B.E. (Fire Engineering) Fourth Semester (C.B.S.)

Applied Psychology

P. Pages : 1

NRT/KS/19/3954

Time : Three Hours



Max. Marks : 80

- Notes :
1. All questions carry marks as indicated.
 2. Solve Question 1 OR Questions No. 2.
 3. Solve Question 3 OR Questions No. 4.
 4. Solve Question 5 OR Questions No. 6.
 5. Solve Question 7 OR Questions No. 8.
 6. Solve Question 9 OR Questions No. 10.
 7. Solve Question 11 OR Questions No. 12.
 8. Due credit will be given to neatness and adequate dimensions.
 9. Assume suitable data whenever necessary.
 10. Illustrate your answers whenever necessary with the help of neat sketches.

1. Explain Human behaviour under fire situations in high-rise residential building and identifying the factors that motivate people to evacuate from fire emergency. **14**
OR
2. Explain structure of Neuron cell and functions of peripheral Nervous system. **14**
3. What is learning? Explain principles of learning useful in the training of fire-fighting personnel. **14**
OR
4. What are recent techniques for improving personal functioning of fire-fighter? Comment it's present status? **14**
5. Explain the importance of fire-safety education in society. **13**
OR
6. Describe the meaning and characteristics of crowd behaviour? **13**
7. What advice would you give to calm down a mob who's stressed out about a deadline? **13**
OR
8. Discuss importance of understanding human response patterns under normal and Emergency condition. **13**
9. Explain Fire-Fighting as a team-work and importance of communication among team members. **13**
OR
10. Explain signs and signals used at fire sites. Why signs and signals are necessary? **13**
11. What are the psychological reactions that survivor fire-victims experience? Explain the dynamics? **13**
OR
12. To keep fire-fighters psychosomatically efficient suggest meaningful activities to be done by them when there is no fire-fighting. **13**
