

Roll No.

24536

**B. Tech. 7th Semester (FAE)
Examination – December, 2016**

AUTOMATION IN GARMENT INDUSTRY

Paper : FA-405-F

Time : Three Hours] [Maximum Marks : 100

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt five questions, while selecting at least one question from each Unit. Question No. 1 is compulsory. All questions carry equal marks.

1. Short answer type questions : $2 \times 10 = 20$
- (a) Define B2B exchange.
 - (b) What is e-retailing ?
 - (c) Define CIM.
 - (d) What are closed loop systems ?

- (e) UPS stands for
- (f) What are key features of garment industry ?
- (g) What is ergonomics ?
- (h) Define material handling.
- (i) Can 'robots' replace workers ? Justify.
- (j) What is retailing ?

UNIT - I

- 2. Define material handling. How do automation help in better material handling than conventional process ?
Take example from any section of garment industry. 20
- 3. Explain stepwise development in spreading process.
Discuss limitations, solution and scope of various technologies adopted so far in spreading. 20

UNIT - II

- 4. What are major motivating factor behind automation in apparel industry ? 20

- 5. What are major components of 'Robots' used in garment industry ? What are various limitations and scopes of robotics ? 20

UNIT - III

- 6. Define quick response. What are different technologies that may be adopted for quick response in fashion industry ? 20
- 7. Explain computer integrated cutting system. Take help of some latest model. 20

UNIT - IV

- 8. What are latest trend in apparel industry ? How does it affect the brand value of a particular apparel ? 20
- 9. Define e-taioloring ? With the help of some online web module, explain its modules, limitations and scopes involved. 20