

Q.32 Draw design and sectional view of figuring with pile threads in warp pile produced with aid of wires.

### SECTION-D

**Note:** Long answer type questions. Attempt any three questions out of four questions. (3x10=30)

Q.33 Give classification and end use of double cloth. Explain waded double cloth with face weave 4 end satin, back weave 4 end satin and weft arrangement 1F 1W 1B.

Q.34 What is damask? Explain with calculation and suitable diagram.

Q.35 Classify weft pile structure. Draw with sectional view weft pile with pile weave 2/2 twill.

Q.36 Using face to face principle with W-type of tufting and double shuttle method, draw design and sectional view. Given F.W. = B.W. = 1/1 plain, warp arrangement 2F 2P 2B, F.W. = B.W. = 1/1 plain.

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4th Sem. / T.D/ T.T

Subject : Fabric Structure-II

Time : 3 Hrs.

M.M. : 100

### SECTION-A

**Note:** Objective type questions. All questions are compulsory. (10x1=10)

Q.1 \_\_\_\_\_ types of warp are in there in warp wedded double cloth.

Q.2 Back weave in case of backed cloth is \_\_\_\_\_ up and 4 down.

Q.3 \_\_\_\_\_ type of tufting forms a Fast Pile structure.

Q.4 \_\_\_\_\_ pile fabric produce only loop structure.

Q.5 Tappet is a \_\_\_\_\_ device.

Q.6 A double cloth in which no extra warp or weft is required is \_\_\_\_\_ double cloth.

Q.7 Warp pile fabric with \_\_\_\_\_ only produces only tuft.

Q.8 \_\_\_\_\_ forms the dense pile structure.

Q.9 Special harness system is required for \_\_\_\_\_ fabric.

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Q.10 A thread that does not weave is called as \_\_\_\_\_ thread.

### SECTION-B

**Note:** Very Short answer type questions. Attempt any ten questions out of twelve questions (10x2=20)

Q.11 What are advantages of warp backed cloth?

Q.12 What is a Moquette structure?

Q.13 Calculate repeat size motif 6x6, 1/1 plain ground weave, and weft arrangement 2G 2E in extra weft figuring.

Q.14 What are the end uses of Pile fabric?

Q.15 What are the parameters on which pile shape depend in fabric with the aid of wire.

Q.16 Calculate weft backed cloth repeat size face weave = 3/1 Twill, back weave 1/3 Twill, weft arrangement 2F 1B.

Q.17 Differentiate velvet with plush.

Q.18 What do you mean by Fast Pile structure.

Q.19 Give one salient feature corduroy.

Q.20 Give ground weave for 5 pick Terry Pile.

Q.21 What are the end uses of Brocade fabric?

Q.22 Draw face and back pile for 3 pick Terry pile.

### SECTION-C

**Note:** Short answer type questions. Attempt any eight questions out of ten questions. (8x5=40)

Q.23 Give example of extra weft figuring with sectional view.

Q.24 Draw velvet structure with single shuttle method.

Q.25 Give design and sectional view of corded velveteen with ground weave 1/1 plain and pile weave on 6 end.

Q.26 Draw warp backed weft wadded cloth.

Q.27 Draw a plush structure with aid of wire and W-type of tufting.

Q.28 State the principle of figuring with extra warp.

Q.29 Explain the warp rip brocade with warp arrangement 1G 1F.

Q.30 With suitable diagram give an example of interchanging backed cloth.

Q.31 Give mechanism of warp pile formation on face to face principle.