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BIDIDCN 201

**II Semester B.Sc. (ID & D) Examination, September 2022
(NEP – 2020) (2021 – 22 Batch Onwards)
ERGONOMICS (DSCC)**

Time : 2 Hours

Max. Marks : 60

PART – A

I. Answer **any 10** of the following.

(10×2=20)

- 1) Define Anthropometry.
- 2) What are the disadvantages of ergonomic furniture ?
- 3) Explain any 2 floorings used in bathroom.
- 4) What are the features to look for an ergonomic sofa ?
- 5) Define ambient lighting.
- 6) Explain the 2 categories of anthropometry.
- 7) Short note on ergonomic office chair.
- 8) Write any 4 features of ergonomic desk.
- 9) Define ergonomics with example.
- 10) Write any 4 features to be considered in work place design.
- 11) What are basic principles of ergonomics ?
- 12) Short note on bathroom light.

PART – B

II. Answer **any 5** of the following.

(5×4=20)

- 13) Explain the features of an efficient office design and floor plan.
- 14) Explain kitchen work triangle with diagram.
- 15) Explain with a neat diagram of the layout of bedroom.

P.T.O.



- 16) Explain the types of kitchen.
- 17) Explain the types of anthropometric data.
- 18) What are the basic principles of ergonomics ?

PART – C

III. Answer **any 4** of the following.

(4×5=20)

- 19) What are the tips to be considered while re-designing a bathroom ?
Explain.
 - 20) Explain bathroom plumbing points.
 - 21) Explain the features of an efficient restaurant design and floor plan.
 - 22) Explain the layout of washroom.
 - 23) Explain the space requirements in restaurants.
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