

**SAMPLE QUESTION PAPER**

**2018-19**

**Design & Innovation (772)-XII**

**Time: 3 Hrs.**

**Marks: 60**

---

*Instructions*

- *All Questions are compulsory*
- *Illustrations were required.*

**1. Define the following Terms. (Do any 10 questions)**

- 2 Dimensional
- Color Theory
- Asymmetrical Balance
- 3 Dimensional
- Emphasis
- Color and Value
- Repetition
- Movement
- Unity
- A tool that helps designers choosing color harmony is\_\_\_\_\_.
- A plane is \_\_\_\_\_
- A cube is a set of \_\_\_\_\_.

**Very short Answer (Do any five)**

- Define the terms “Design” and “Innovation” 2
- What are the tools used in designing? 2

4. Which technique used for development of digital image? 2
5. Explain the fundamental of 3D design? 2
6. What is design Maquette construction and its use in design. 2
7. What are Primary, Secondary and Tertiary Colours? Define them. 2
8. Explain the difference between Flash and Corel software. 2

**Write short answer (Do any five)**

9. Explain Design process to develop 3D forms 3
10. What is Spatial Design and techniques for the same 3
11. Differentiate between symmetric & asymmetric form 3
12. Write a short note on the following:- 3
  - (a) Photoshop
  - (b) AutoCAD
13. Explain why a package design is required for a product and its effect on the consumer? 3
14. Explain the Design Process? 3
15. What is the use of design in today's scenario? 3

**Write Long Answer (Do any five)**

16. Design a poster in a 4"×6" on any of the following topics: 5

- a. World design day
- b. Child Labour

17. What is Colour harmony and why it is essential for a good design? 5
18. Create any of the following theme by applying colour on a grid of 4 x 4 inch 5
- I. Spring
  - II. Winer
  - III. Summer
  - IV. Vegetable & Fruit Market
19. Differentiate between 2 diamentional & 3 diamentional forms and draw an image of a Alarm Clock or a Mobile Phone in a 2d and 3d form. 5
20. Explain the methods of developing 3-D designs 5
21. Explain the basic elements and principles of design 5
22. Define shop Refit and the importance of it in designing 5