S3 Visual Arts Practice Paper: Visual Elements and Principles of Design, Colour Theory, Drawing Techniques, Printmaking, Ceramics and Three-dimensional Form, Design and Art Appreciation

S3 | Visual Arts | Time: 75 minutes | Total: 100 marks | 24 questions

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Part 1: Visual Elements and Principles of Design

Answer in complete sentences or with accurate terminology.

1. List the seven visual elements. [4]

2. Explain the difference between symmetrical and asymmetrical balance, giving one example of each. [4]

3. Explain how rhythm is created in a two-dimensional composition through repetition and gradation. [4]

4. Compare the roles of emphasis and unity in a composition. [4]

Part 2: Colour Theory

Show your working; give units or names in your answers.

5. Name the three primary and three secondary colours, and calculate how many hues there are on the 12-hue colour wheel. [4]

6. How many complementary pairs are there on the 12-hue colour wheel? State the complement of red. [4]

7. Of the 12 hues, how many are warm and how many cool? Give one example of each and describe its visual effect. [4]

8. Explain the difference between a tint and a shade, and state what is added to make each. [4]

Part 3: Drawing Techniques

Show working for calculations and give answers to 1 decimal place.

9. What do the H and B series of pencils indicate? In the set 6H, 4H, 2H, H, HB, B, 2B, 4B, 6B, how many grades are there in each series? [5]

10. How many vanishing points does one-point perspective have, and how many does two-point perspective have? What is the difference, and what is two-point perspective used to draw? [4]

11. Explain the difference between cross-hatching and stippling as tonal techniques. [4]

12. A canvas is 100 cm high. Using the golden ratio 1.618, calculate its width (1 decimal place). [4]

Part 4: Printmaking

Use correct terminology; show working for calculations.

13. Name the four printmaking categories relief, intaglio, planographic and stencil, and give one method for each. [4]

14. What does "3/25" written below a print mean? If the edition is 25 and 18 have been sold, how many remain? [4]

15. Explain where the ink sits in relief and in intaglio printing, and say which suits very fine lines. [4]

16. Printing 25 copies costs 3 dollars of paper each plus 40 dollars of ink in total. Calculate the total cost and the average cost per print (1 decimal place). [5]

Part 5: Ceramics and Three-dimensional Form

Show working; give lengths to 1 decimal place.

17. Name the three basic hand-building methods and describe each briefly. [4]

18. Bisque firing is at 800 degrees C and glaze firing at 1,200 degrees C. Calculate the difference and state the purpose of bisque firing. [4]

19. A wet clay strip is 20.0 cm long and the firing shrinkage is 12 per cent. Calculate the fired length and the amount lost (1 decimal place each). [5]

20. State two functions of glaze and say what happens if it is applied too thickly. [5]

Part 6: Design and Art Appreciation

Show working; give answers to 1 decimal place.

21. List the four main stages of the design process. [4]

22. A2 paper measures 420 mm by 594 mm. Calculate its area in cm2, and the area of A3, which is half of A2 (1 decimal place each). [4]

23. A display wall is 1,200 cm long. With 60 cm left at each end, 24 works 30 cm wide are hung. Calculate the average gap between neighbouring works (1 decimal place). [4]

24. List the four steps of art appreciation. [4]
