

# Model Question Paper: Year 2023-24

Class :10<sup>th</sup>

Code: A

Roll No.

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## Subject :- Construction

National Skills Qualification Framework (NSQF)

[English Medium]

ACADEMIC

समय:2.30 घण्टे]

Time allowed: 2.30 hours]

पूर्णांक: 60

[ Maximum Marks:60]

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- कृपया जांच कर लें कि इस प्रश्न-पत्र में मुद्रित पृष्ठ 6 तथा प्रश्न 30 हैं।  
Please make sure that the printed pages in this question paper are 5 in number and it contains 30 questions.
  - कृपया प्रश्न का उत्तर लिखना शुरू करने से पहले, प्रश्न का क्रमांक अवश्य लिखें।  
Before beginning to answer a question, its Serial Number must be written.
  - उत्तर-पुस्तिका के बीच में खाली पन्ना न छोड़ें।  
Don't leave blank page/pages in your answer-book.
  - उत्तर-पुस्तिका के अतिरिक्त कोई अन्य शीट नहीं मिलेगी। अतः आवश्यकतानुसार ही लिखें और लिखा उत्तर न काटें।  
Except answer-book, no extra sheet will be given. Write to the point and do not strike the written answer.
  - परीक्षार्थी अपना रोल नं० प्रश्न-पत्र पर अवश्य लिखें। रोल नं० के अतिरिक्त प्रश्न-पत्र पर अन्य कुछ भी न लिखें और वैकल्पिक प्रश्नों के उत्तरों पर किसी प्रकार का निशान न लगाएं।  
Candidate must write their Roll No. on the question paper. Except Roll No. do not write anything on question paper and don't make any mark on answer of objective type questions.
  - कृपया प्रश्नों के उत्तर देने से पूर्व यह सुनिश्चित कर लें कि प्रश्न-पत्र पूर्ण व सही है, परीक्षा उपरान्त इस सम्बन्ध में कोई भी दावा स्वीकार नहीं किया जायेगा।  
Before answering the questions, ensure that you have been supplied the correct and complete question paper, no claim in this regard, will be entertained after examination.
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### Instructions

All questions are compulsory

Question no 1 and 3 are long answer type questions carrying five marks.

Question no 4 to 9 are short answer type question carrying three marks.

Question no 10 to 15 are very short answer type question carrying two marks.

Question no. 16 to 30 are MCQ/ One Word/ Fill in the Blank type's questions carrying one marks each

[Section-A]

### Long Answer Types of Questions

3 x 5 = 15 Marks

Q:-1. Describe the procedure of laying bricks in a wall.

or

Q:-1. Differentiate between English bond and Flemish bond.

Q:-2. Describe the various kinds of shuttering.

Or

Q:-2.. Explain the formwork designed for beam and slabs.

Q:-3. List the steps used for brick flooring

Or

Q:-3 . List the steps to be followed during tile fixing

[Section-B]

### Short Answer Types Questions

6 x 3 = 18 Marks

Q:-4. Why is it important to provide slopes in tile flooring?

Q:-5. What is scaffolding? Write its uses.

Q:-6.. Write the steps to install single scaffolding

Q:-7. How is the maintenance of stone masonry construction carried out?

Q:-8. What are the advantages and disadvantages of English bond and Flemish bond?

or

Q:-8 Explain the tools used in brick masonry

Q:-9. Explain the construction of a wall in coursed rubble masonry

or

Q:-9. What are the different types of Ashlar masonry? Explain any one.

[Section-C]

### Very Short Answer Types Questions

6 x 2 = 12 Marks

Q:-10. What is the use of shuttering in the construction of a building?

Q:-11. What are the requirements of a good formworks.?

Q:-12. Explain the importance of education towards sustainable development

Q:-13. List the ways in which an entrepreneur affects a society.

Q:-14. Write the steps of fitting of steel scaffolding.

or

Q:-14. What are the different equipment used in scaffolding?

Q:-15 Differentiate between Ashlar masonry and rubble masonry

or

Q:-15. Write a short note on uncoursed rubble masonry.

**Objective Types Questions**

**15x 1 = 15 Marks**

Q:-16 Stone used in work should be \_\_\_\_\_.

- a) hard
- b) durable
- c) soft
- d) tough

Q:-17 . Mortar is prepared by mixing \_\_\_\_\_.

- a) cement
- b) sand
- c) water
- d) All of the above

Q:-18 . Defects due to frost action causes \_\_\_\_\_.

- a) cracking in the brick work
- b) tightening of the brick work
- c) hardening of the brickwork
- d) None of the above

Q:-19. Jambs is term used to denote the side of window or door frame \_\_\_\_\_.

- a) horizontal side of door
- b) vertical side of door
- c) lateral side of door
- d) None of the above

Q:-20. . The.....for a deck slab is carried on cross joists.

- a) Ledger
- b) Sheathing or decking
- c) Riser planks
- d) None of above

Q:-21 . Terrazzo is a material \_\_\_\_\_.

- a) simple
- b) composite
- c) hard
- d) None of the above

Q:-.22 Ceramic tile is made of \_\_\_\_\_.

- a) clay and sand
- b) clay and cement
- c) cement and sand
- d) None of the above

Q:-23 . Identify the indirect obeject in the sentence, The band played music for the audience.

- A) The band
- B) Played
- C) Music
- D) Audience

Q:-24 . Which of these is an imperative sentence?

- a) Switch off the fan.
- b) Sheila has gone to the market.
- c) Where are my pen colours?
- d) Oh no! I missed my flight

Q:-25. What makes you complete work or studies without others cheering you?

- a) Self-confidence
- b) Communication
- c) Self-motivation
- d) Self-esteem

Q:-26. Which of the following are types of motivation?

- a) Internal
- b) Intermediate
- c) External
- d) Extensive

Q:-27. What keys do you use to copy something?

- (a) Ctrl+x
- (b) Ctrl+c
- (c) Ctrl+z
- (d) Ctrl+y

Q:-28. How can an anti-virus protect your device?

- (a) It can protect it from over-heating
- (b) It can increase its performance.
- (c) It can prevent data from getting corrupt.
- (d) It can backup data.

Q:-29. Ledger is a \_\_\_\_\_ brace.

Q:-30 The uplift component with a connector joint is called \_\_\_\_\_.