higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

NATIONAL CERTIFICATE (VOCATIONAL)

CONSTRUCTION SUPERVISION
NQF LEVEL 4

(12010474)

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09:00–12:00

This question paper consists of 5 pages.

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DEPARTMENT OF HIGHER EDUCATION AND TRAINING
REPUBLIC OF SOUTH AFRICA

NATIONAL CERTIFICATE (VOCATIONAL)
CONSTRUCTION SUPERVISION
NQF LEVEL 4
TIME: 3 HOURS
MARKS: 100

INSTRUCTIONS AND INFORMATION

1. Answer all the questions.
2. Read all the questions carefully.
3. Number the answers according to the numbering system used in this question paper.
4. Use only a blue or black pen.
5. Write neatly and legibly.

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QUESTION 1

1.1 Unskilled workers perform a variety of tasks on a construction site.

List FIVE typical examples of the tasks performed by unskilled workers on a construction site. (5)

1.2 Make a neat single-line sketch that indicates Maslow's hierarchy of needs. (5)

1.3 Mention FIVE qualities needed in a construction supervisor. (5)

1.4 Discuss FIVE advantages of praising workers in public. (5)
[20]

QUESTION 2

2.1 The *Clerk of Works* has the expertise and professionalism necessary to help the project team to achieve the ultimate goal of the client.

Discuss FIVE duties of a *Clerk of Works* in any construction projects. (5)

2.2 Define the term *quality control*. (2)

2.3 Project Managers usually complete milestone charts for each project they manage.

Give THREE advantages of using milestone charts. (3)
[10]

QUESTION 3

3.1 State FIVE aspects of safety that need to be taken into consideration when working at any construction site. (5)

3.2 List FIVE personal protective equipment that welders should wear while working at the construction site. (5)
[10]

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QUESTION 4

4.1 State FIVE responsibilities of a chairperson during a meeting. (5)

4.2 Explain the following terms and give ONE example of each:

4.2.1 Direct cost

4.2.2 Indirect cost

(2 × 3) (6)

4.3 Supervisors need to monitor and control resources on site.

List FIVE examples of resources on a construction site. (5)

4.4 State FOUR types of meetings that can be held at the construction site. (4)

[20]

QUESTION 5

5.1 Indicate whether the following statements are TRUE or FALSE by writing only 'True' or 'False' next to the question number (5.1.1–5.1.10) in the ANSWER BOOK.

5.1.1 It is the responsibility of the employer to make sure that every worker is clearly informed and clearly understands the health and safety hazards of any work being done.

5.1.2 The workplace forum cannot consult with the employer on issues relating to retrenchments and job grading.

5.1.3 Workers and jobseekers have no right to form a trade union or take part in any trade union activities.

5.1.4 In terms of the South African Labour Laws Amendment Act, mothers are entitled to 3 months of maternity leave upon the birth of the employee's child.

5.1.5 The Basic Conditions of Employment Act (BCEA) was established to make sure that any unfair dismissals do not take place in the workplace.

5.1.6 Section 78 of the Basic Conditions of Employment Act (BCEA) states that every employee has the right to make a complaint to a trade union official or labour inspector concerning any alleged failure or refusal by an employer to comply with this act.

5.1.7 Firing an employee because of their religion, is a typical example of unfair labour practice.

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5.1.8 Employing someone because they are related to you is a typical example of nepotism in the workplace.

5.1.9 In terms of the South African Labour Laws Amendment Act, fathers are entitled to 10 days of parental leave upon the birth of the employee's child.

5.1.10 The Labour Relations Act (LRA) aims to advance economic development, social justice, labour peace and democratisation of the workplace.

(10 × 1) (10)

5.2 Explain the general duties of the workers concerning their health and safety on site. (5)
[15]

QUESTION 6

6.1 Outline THREE objectives of maintaining discipline in an organisation. (3)

6.2 Certain offences may justify immediate dismissal or suspension even after the first offence.

Mention SIX of these offences. (6)

6.3 Explain FOUR effects of conflict on productivity on a construction site. (4)

6.4 Define the term *demotion*. (2)
[15]

QUESTION 7

List TEN important records that should be filed on a construction site. **[10]**

TOTAL: 100

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