

**GENERAL CERTIFICATE OF EDUCATION BOARD**  
Technical and Vocational Education Examination

<b>JUNE 2025</b>	<b>KAWLO</b>	<b>INTERMEDIATE LEVEL</b>
Specialty Name and Acronym	ALL INDUSTRIAL	
Centre Number		
Centre Name		
Candidate Identification Number		
Candidate Name		

Mobile phones are **NOT** allowed in the examination room.

**5420 QUALITY, HYGIENE, SAFETY AND ENVIRONMENT 1. MULTIPLE CHOICE QUESTIONS**

**Duration: One and a Half Hours**  
**INSTRUCTIONS TO CANDIDATES**

*Read the following instructions carefully before you start answering the questions in this paper. Make sure you have a soft HB pencil and an eraser for this examination.*

1. USE A SOFT HB PENCIL THROUGHOUT THE EXAMINATION.
2. DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

*Before the examination begins:*

3. Check that this question booklet is headed "**Intermediate Level – 5420 QUALITY, HYGIENE, SAFETY AND ENVIRONMENT 1**".
4. Insert the information required in the spaces above.
5. Insert the information required in the spaces provided on the answer sheet using your HB pencil:

**Candidate Name, Exam Session, Subject Code, Centre Number and Candidate Number.**

Take care that you do not crease or fold the answer sheet or make any marks on it other than those asked for in these instructions.

*How to answer the questions in this examination:*

6. Answer **ALL** the **50** questions in this Examination. All questions carry equal marks.
7. Each question has **FOUR** suggested answers: **A, B, C** and **D**. Decide which answer is correct. Find the number of the question on the Answer Sheet and draw a horizontal line across the letter to join the square brackets for the answer you have chosen.  
For example, if **C** is your correct answer, mark **C** as shown below:  
**[A] [B] [C] [D]**
8. Mark only one answer for each question. If you mark more than one answer, you will score a zero for that question. If you change your mind about an answer, erase the first mark carefully, then mark your new answer.
9. Avoid spending too much time on any one question. If you find a question difficult, move on to the next question. You can come back to this question later.
10. Do all rough work in this booklet, using, where necessary, the blank spaces in the question booklet.
11. **You must not take this booklet and the answer sheet out of the examination room. All question booklets and answer sheets will be collected at the end of the examination.**

**Turn Over**



1. Quality can be defined as
  - A Quality of requirements
  - B Amount of products
  - C The superiority of something relative to others
  - D The quantity of products produced

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2. The abbreviation JIT(5-zeros) means
  - A Just in turn
  - B Judge in time
  - C Joke in turn
  - D Just in time

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3. Mobilization of a whole company to get client satisfaction is
  - A total quality management
  - B total productive maintenance
  - C quality control
  - D brainstorming

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4. An ecological importance of zero papers is
  - A No cutting down of trees
  - B Saving money
  - C No wastage
  - D No delay

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5. Select one advantage of respecting ISO norms
  - A Reduces customer's loyalty
  - B Reduces customer's trust
  - C Reduces losses
  - D Reduces efficiency

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6. What is the full meaning of the abbreviation TPM?
  - A Total productive management
  - B Total productive maintenance
  - C Total Permanent Maintenance
  - D Total Permanent Management

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7. A quality criteria here is
  - A Unqualified staff
  - B Functioning deficiency
  - C Reliability
  - D Inconsistency

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8. Identify the main cause of non-quality
  - A Non compliance to standard
  - B Effective communication
  - C Respect of procedures
  - D Respect of norms

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9. The following are types of quality assurance, except
  - A Pre-Production Inspection
  - B During Production Inspection
  - C Loading Supervision
  - D Absence of Pre-Shipment Inspection

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10. A document that keeps a record of deviation from standard is called
  - A Standard report
  - B Non-conformance report
  - C Audit report
  - D Quality criteria

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11. A quick and sharp contraction of a muscle is called
  - A Tetanus
  - B Tetanization
  - C Twitch
  - D Strain

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12. The following are Possible causes of inflammation Except
  - A Injury
  - B Infection
  - C Antigen
  - D Antibody

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13. Involuntary activities in the body is controlled by the
  - A Brain
  - B Spinal cord
  - C Mixed nerve
  - D Synapse

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14. \_\_\_\_\_ is not a tissue of the skeletal system.
  - A Bone
  - B Cell
  - C Ligament
  - D Cartilage

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15. Impulses are to the nervous system as \_\_\_\_\_ are to the endocrine system.
  - A Hormones
  - B Nerves
  - C Enzymes
  - D Target organs

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16. One of these is NOT a primary sexual organ
  - A Breast
  - B Testis
  - C Vagina
  - D Penis





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17. The body temperature of a man in an air conditioned office and that of a bricklayer under the sun is
  - A 34°C and 36°C
  - B 25°C and 25°C
  - C 36°C and 37°C
  - D 37°C and 37°C

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18. The part of the brain that controls balance is
  - A Hypothalamus
  - B Cerebrum
  - C Cerebellum
  - D Medulla oblongata



19. Light sensitive cells in the eye are found in:  
 A Lens  
 B Cornea  
 C Retina  
 D Conjunctiva
- 
20. Chemicals that breakdown complex food into simple soluble substances are called  
 A Hormones  
 B Enzymes  
 C Amino acids  
 D Fatty acids
- 
21. CPR in first aid stands for  
 A Cardio Pulmonary Resuscitation  
 B Cardio Pulmonary Respiration  
 C Cardio Pulmonary Reconstruction  
 D Cardio Pulmonary Reproduction
- 
22. The effect of stress on work environment is  
 A Increase output  
 B Non- payment of wages  
 C Work accidents  
 D Good management
- 
23. Choose one suitable exercise for physical activity  
 A Start vigorously  
 B Warm up and cool down  
 C Continue no matter how you feel  
 D Taking too much alcohol before exercise
- 
24. When lifting heavy load, the following rules are respected except  
 A Size up the load  
 B Position yourself  
 C Grip the load firmly  
 D Breath out when you lift
- 
25. Employer's duty to ensure safety at the work place is to  
 A Never come late to office  
 B Be polite  
 C Motivate employees  
 D Pin up pictograms or Safety rules on the walls
- 
26. \_\_\_\_\_ is best in work place safety  
 A Respecting safety rules  
 B Use suitable Personal Protective Equipment  
 C Be active  
 D No short cuts
- 
27. A cause of scalding is  
 A Electricity  
 B Steam  
 C X-ray  
 D Fire
- 
28. A first aid tool used to tie a fracture is called  
 A Sling  
 B Tourniquet  
 C Splint  
 D Thimble
- 
29. Choose the odd from the list of construction equipment below.  
 A Ladder  
 B Scaffold  
 C Gloves  
 D Thimble
- 
30. Which of the following will reduce stress at work place?  
 A Non -payment of wages  
 B Over work  
 C Motivation  
 D Conflict
- 
31. Cardio Pulmonary Resuscitation is NOT applicable to \_\_\_\_\_ condition  
 A choking  
 B Shock  
 C drowning  
 D asphyxia
- 
32. Which work condition can lead to lumbago?  
 A Mixing of mortar  
 B Poor feeding  
 C Walking a long distance  
 D Exercise
- 
33. One means of correcting eye fatigue is by  
 A Reading articles with small font size  
 B Taking short breaks  
 C Blinking  
 D Writing
- 
34. A physiopathology of thermal discomfort is  
 A Thirst  
 B Temperature  
 C Air velocity  
 D Radiant temperature
- 
35. \_\_\_\_\_ is the symbol for a flammable substance  
 A   
 B   
 C   
 D 
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Turn Over



36. Disposal of medical waste to free the environment from their effects is called  
 A Pollution  
 B Splitting  
 C Substitution  
 D Incineration

37. A lifestyle that is detrimental to work is  
 A Consuming healthy diets  
 B Engaging in physical exercise  
 C Consuming drugs  
 D Respecting safety rules

38. A precaution to take if a vehicle comes into contact with a power line  
 A Get out of the vehicle immediately  
 B Keep your feet together and move away by shuffling your feet  
 C Sleep on the ground  
 D Remain in the car

39. The general principle of risk prevention in the work place is  
 A To adapt work to people  
 B To share the work  
 C To insure staff  
 D To isolate personnel of the company

40. Suitable Personal Protective Equipment for a bricklayer is  
 A Helmets  
 B Goggles  
 C Hand gloves  
 D Ear muffs

41. Two or more species co-existing in an area and interacting together is referred to as  
 A Population  
 B Community  
 C Organism  
 D Village

42. Indicate the non-air pollutant.  
 A Oxygen  
 B Ozone  
 C Dust  
 D Water vapor

43. Identify the harm caused on the soil by non-biodegradable materials.  
 A Increase soil fertility  
 B Improve growth of soil organism  
 C Kill soil organisms  
 D Prevent soil erosion

44. An example of an intra-species interaction in an ecosystem is  
 A Parasitism  
 B Food chain  
 C Food web  
 D Mating

45. Global warming is not promoted by  
 A Deforestation  
 B Pollution  
 C Physical activities  
 D Production of greenhouse gases

46. One of the ways to make waste useful is by  
 A Dumping in the surrounding  
 B Recycling  
 C Burning  
 D Burying in a pit

47. \_\_\_\_\_ does not cause land degradation  
 A Soil erosion  
 B Deforestation  
 C Bush burning  
 D Afforestation

48. A disease that is contracted from drinking contaminated water is  
 A Cancer  
 B HIV-AIDS  
 C Cholera  
 D Malaria

49. One effect of deforestation is  
 A Global warming  
 B Floods  
 C Soil fertility  
 D Volcanic eruption

50. A greenhouse gas in this list is  
 A Ammonia  
 B Methane  
 C Sulphur dioxide  
 D Oxygen

**STOP**

**GO BACK AND CHECK YOUR WORK**