

2022

Multi Skill Foundation Course (Vocational)

Total marks: 50

Time: 2 hours

General instructions:

- i) *Approximately 15 minutes is allotted to read the question paper and revise the answers.*
- ii) *All questions are compulsory.*
- iii) *The question paper consists of 23 questions.*
- iv) *Marks allocated to every question are indicated against it.*

N.B: *Check to ensure that all pages of the question paper are complete as indicated on the top left side.*

1. Choose the correct answer from the given alternatives: 10x10

- i. What is used in place of electron tubes in modern electric gadgets?
(a) Transistor (b) Semiconductor
(c) Series circuit (d) Capacitor
- ii. In case of excess consumption of carbohydrate, the liver converts the excess carbohydrates into
(a) fats (b) blood
(c) glycogen (d) protein
- iii. Which of the following is **not** a modern method of irrigation?
(a) Bubbler irrigation (b) Bi-wall irrigation
(c) Pot irrigation (d) Sprinkler irrigation
- iv. Which of the following, means to arrange the necessary items neatly?
(a) Seiton (Set in order) (b) Sieri (Sort)
(c) Seiso (Shine) (d) Seiktesu (Standardize)
- v. The information that the sender wants to convey is the
(a) channel (b) communication
(c) feedback (d) message
- vi. The ability to regulate one's own emotions when necessary.
(a) Emotional awareness (b) Managing emotions
(c) Harnessing emotions (d) Emotional control
- vii. Which of the following is a myth about entrepreneurship?
(a) Entrepreneurs make decisions (b) Entrepreneurs take risk
(c) Entrepreneurs divide income (d) Entrepreneurs are born, not made
- viii. Which of the following is **not** a Sustainable Development Goal according to United Nations?
(a) Gender equality (b) Quality education
(c) Population (d) Zero hunger
- ix. Due to the presence of hemoglobin, the blood is
(a) thick (b) a life line
(c) warm (d) red in colour

- x. Which of the following is **not** required to make a rain gauge?
- | | |
|--------------------|-------------|
| (a) Measuring tape | (b) Marker |
| (c) Measuring cup | (d) Scissor |

Answer the following questions in one word or one sentence:

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| 2. Write any two applications of an inverter in household use. | 1 |
| 3. Write the two types of components that contaminates food stuff. | 1 |
| 4. List the two types of nursery. | 1 |
| 5. What is Sustainable Development Goal? | 1 |
| 6. What is interpersonal communication? | 1 |
| 7. What is RCC? | 1 |
| 8. State any two steps for building self-motivation. | 1 |
| 9. List any two qualities of an entrepreneur. | 1 |

Answer the following questions in 20-50 words:

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| 10. What is G.I. pipe? | 2 |
| 11. What should a strong password consist of? Give one example. | 1+1=2 |
| 12. Write any four classifications of persons with disabilities. | 2 |
| 13. Write any two effects of pollution. | 2 |
| 14. Name any two types of lines and write their uses. | 1+1=2 |
| 15. What is electric motor? Name any two parts of electric motor. | 1+1=2 |
| 16. State any two ways to take care of grafting. | 2 |
| 17. Write any two benefits of artificial insemination. | 2 |

Answer any four from the following questions in 60-100 words:

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| 18. Write any four technical differences between petrol and diesel engine. | 4 |
| 19. Mention four benefits of regular exercise. | 4 |
| 20. Explain any four methods to collect soil samples. | 4 |
| 21. Explain any four parts of outside micrometer. | 4 |
| 22. Mention any four safety measures to be followed while working in the workshop. | 4 |
| 23. Write any four benefits of rain water harvesting. | 4 |
