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:

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:

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:

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**

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