

CBSE | DEPARTMENT OF SKILL EDUCATION

Multi Skill Foundation (SUBJECT CODE 416)

CLASS IX (SESSION 2021-2022) Marking Scheme

Max. Time Allowed: 1 Hour (60 min)

Max. Marks: 25

General Instructions:

1. Please read the instructions carefully
2. This Question Paper is divided into 03 sections, viz., Section A, Section B and Section C.
3. Section A is of 05 marks and has 06 questions on Employability Skills.
 - a) Questions numbers 1 to 4 are one mark questions. Attempt any three questions.
 - b) Questions numbers 5 and 6 are two marks questions. Attempt any one question.
4. Section B is of 12 marks and has 12 questions on Subject Specific Skills.
 - a) Questions numbers 7 to 12 are one mark questions. Attempt any four questions.
 - b) Questions numbers 13 to 18 are two marks questions. Attempt any four questions.
5. Section C is of 08 marks and has 03 competency-based questions.
 - a) Questions numbers 19 to 21 are four marks questions. Attempt any two questions.
6. Do as per the instructions given in the respective sections.
7. Marks allotted are mentioned against each section/question.

SECTION A

(3 + 2 = 5 marks)

Answer any 3 questions out of the given 4 questions. Each question is of mark.		1 x 3 = 3
Q.1	Mention any two characteristics of entrepreneurship. Ans: <ol style="list-style-type: none">1. Ability to take up risks2. believe in hard work and discipline3. adaptable and flexible4. knowledge of product and services5. Knowledge of product/service needs or demands in the market6. financial literacy and money management skills,7. effective planning and execution (Note: Any two characteristics should be considered for evaluation)	1
Q.2	In case of Wage employment what are the two parties involved? Ans: Employer and the employee are the two parties involved in case of wage employment.	1
Q.3	Mention any two categories of natural resources? Ans: <ol style="list-style-type: none">1. In-exhaustible2. Exhaustible3. Renewable4. Non-renewable (Note: Any two categories should be considered for evaluation)	1
Q.4	When do we celebrate Green Consumer Day? Ans: Green Consumer Day is celebrated on 28 th September of each year.	1
Answer any 1 question out of the given 2 questions. Each question is of mark.		2 x 1 = 2
Q.5	Mention any two types of business activities and give at least one example of each. Ans: <ol style="list-style-type: none">1. Product business e.g. sports shop.(Any kind of product/item that can be touched)2. Service business e.g. Cricket coaching center (Any service where a seller helps the buyer to finish work.)3. Hybrid business e.g. Restaurant (Doing both selling product and service) (Note: Any two types should be considered for evaluation)	2

Q.6	Name any four methods of water conservation. Ans: <ol style="list-style-type: none"> 1. Constructing dams and reservoirs. 2. Rain water harvesting. 3. Judicious use of water in day to day life. 4. Growing vegetation in catchment area. 5. Sewage water treatment 6. Treatment of Industrial waste. 7. Water shed-(single unit land with its water drainage system) (Note: Any four methods should be considered for evaluation)	2
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SECTION B

(4 + 8 = 12 marks)

Answer any 04 questions out of the given 06 questions		1 x 4 = 4
Q.7	What is mean by Minimum Fusing Current? Ans: The minimum electric current that leads to melting of fuse wire is known as 'Minimum Fusing Current'.	1
Q.8	What is earthing? Ans: Earthing is a provision to pass on the leaked electricity to ground before it passes through human body.	1
Q.9	Write the use of sickle in agriculture. Ans: Sickle is used for cutting grass, animal fodder and crop harvesting.	1
Q.10	Write any two names of bio fertilizers used in seed treatment Ans: <ol style="list-style-type: none"> 1. Azotobacter 2. Azospirillum 3. Rhizobium (Note: Any two names should be considered for evaluation)	1
Q.11	Cereals provide which nutrient in abundant quantity? Ans: Carbohydrate	1
Q.12	What is meant by cooking of the food? Ans: Applying heat to the food item to make it palatable and bring about acceptable change in it.	1
Answer any 04 questions out of the given 06 questions		2 x 4 = 8
Q.13	Write down any four advantages of Septic Tank. Ans: <ol style="list-style-type: none"> 1. Reduction in percolation of sewage water in the underground water. 2. Prevention of formation of drains and accumulation of contaminated (sewage) water on ground. This controls proximity of mosquitoes and bacteria, etc. 3. Prevention of stinking and eventual air pollution due to formation of drains and accumulation of contaminated (sewage) water on ground. 4. Prevention of spread of contagious and epidemic diseases and maintenance of hygiene of surrounding area. 5. Planned disposal of contaminated water released from latrines. 6. Brick pieces and coarse sand can be easily available while building septic tank. Hence, we can protect environment at a reasonably less expense. 7. Septic tank helps sewage water to percolate and prevents formation of puddles on ground. Septic tank helps us to keep surrounding area clean and tidy. (Note: Any four advantages should be considered for evaluation)	2

Q.14	<p>Write down any four advantages of LED light.</p> <p>Ans:</p> <ol style="list-style-type: none"> 1. An energy efficient light. 2. Durable, long lasting – can be productive up to 50000 hours. LED is also known as ‘Solid State Lighting (SSL)’. During the making of LED light, solid material is used instead of any type of filament or tube. Hence, there is less probability of damage in LED bulb as compared to other types of bulb. 3. In LED light, there is no warm up period. 4. No effect of cold temperature on LED light. LED light becomes operational even below 0°C instantly. 5. LED light is directional. Hence, it is useful to shed light in a specific direction. Therefore, there is no wastage in this light. 6. There isn't any hazardous material like mercury used in LED. Hence, it is eco-friendly. 7. Colour and brightness of LED light can be controlled. <p>(Note: Any four advantages should be considered for evaluation)</p>	2
Q.15	<p>Write the formula to calculate seed rate or plant population</p> <p>Ans:</p> $\frac{\text{Total area (m)}^2}{\text{Distance between seeds(m) X distance between rows (m)}}$	2
Q.16	<p>Why is it important to change soil in the pot at regular interval?</p> <p>Ans:</p> <ol style="list-style-type: none"> 1. Plants in the pot grows in limited soil. If soil is not changed regularly it will become infertile. 2. Due to excessive growth of roots it come out of pot from drain holes and starts growing in land breaks the pot. Therefore it is necessary to change the pot at regular interval. 	2
Q.17	<p>What is food Preservation? Name any two methods of food preservation.</p> <p>Ans: To avoid the food from getting spoilt due to micro-organisms, the process of stopping their growth and removing them from the food is known as Food Preservation.</p> <p>Methods of food preservation:</p> <ol style="list-style-type: none"> 1. Canning 2. Freezing 3. Drying 4. Use of preservatives 5. Brining 6. Smoking 7. Sterilization 8. Use of sugar 9. Heating. <p>(Note: Any two methods should be considered for evaluation) (1 Mark for Definition part and 1 mark for Methods part)</p>	2
Q.18	<p>How could we detect the adulteration of water in milk?</p> <p>Ans:</p> <ol style="list-style-type: none"> 1. Test– Put a drop of the milk on a clear glass strip and let it flow down. 2. Observation and Inference – If there is no whiteness left behind and the drop just flow down, then water is mixed in the milk. <p>(Note:1 Mark for the Test part and 1 mark for the Observance part)</p>	2

