

CBSE | DEPARTMENT OF SKILL EDUCATION

MULTI SKILLS (SUBJECT CODE 416)

CLASS IX (SESSION 2021-2022) BLUE PRINT FOR SAMPLE QUESTION PAPER FOR TERM -1

Max. Time Allowed: 1 Hour

Max. Marks: 25

PART A - EMPLOYABILITY SKILLS (05 MARKS):

| UNIT NO. | NAME OF THE UNIT | NO. OF QUESTIONS (1 MARK EACH) |
|--|---|-----------------------------------|
| 1 | Communication Skills-I | 2 |
| 2 | Self-Management Skills-I | 2 |
| 3 | Information and Communication Technology Skills-I | 2 |
| TOTAL QUESTIONS | | 6 Questions |
| NO. OF QUESTIONS TO BE ANSWERED | | Any 5 Questions |
| TOTAL MARKS | | 1 x 5 = 5 Marks |

PART B - SUBJECT SPECIFIC SKILLS (20 MARKS):

| UNIT NO. | NAME OF THE UNIT | NO. OF QUESTIONS (1 MARK EACH) |
|--|--|-----------------------------------|
| 1. | Workshop & Engineering Techniques | 15 |
| 2. | Energy & Environment (Session 1 to Session 5 & session 13 - Total 6 Session) | 12 |
| TOTAL QUESTIONS | | 27 Questions |
| NO. OF QUESTIONS TO BE ANSWERED | | 20 Questions |
| TOTAL MARKS | | 1 x 20 = 20 MARKS |

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Max. Time Allowed: 1 Hour

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.
4. Section B is of 15 marks and has 20 questions on Subject specific Skills.
5. Section C is of 05 marks and has 07 competency-based questions.
6. Do as per the instructions given in the respective sections.
7. Marks allotted are mentioned against each section/question.
8. All questions must be attempted in the correct order

SECTION A

Answer any 5 questions out of the given 6 questions on Employability Skills

(1 x 5 = 5 marks)

| | | |
|----|---|---|
| 1. | _____ is the sharing of information between two or more individuals or within a group to reach a common understanding. (a) Cooperation (b) Communication (c) Translation (d) Coordination | 1 |
| 2. | Which of these is a positive (good) facial expression? (a) Staring hard (b) Wrinkled forehead (c) Nodding while listening (d) Looking away from the speaker | 1 |
| 3. | Which of the following is not a self-management skill? (a) Problem solving (b) Bargaining (c) Understanding self (d) Confidence building | 1 |
| 4. | What is the best way to start our day positively? (a) Think about all that can go wrong (b) Think about the difficult test you will face during the day. (c) Think about all your accomplishments so far and feel good about it. (d) Think about the traffic on the road and feel stressed. | 1 |

| | | |
|----|---|---|
| 5. | What does GPS stand for? (a) Global Positioning System (b) Global Payment System (c) Global Program System (d) Global Pointing System | 1 |
| 6. | Which of the following is not an input device in a computer? (a) Keyboard (b) Mouse (c) Monitor (d) Microphone | 1 |

SECTION B

Answer any 15 questions out of the given 20 questions

(1 x 15 = 15 marks)

| | | |
|-----|---|---|
| 7. | Which tool is used to twist wires, to cut wire, to bend wire for shaping and twisting the screw? (a) Hammer (b) Combination Plier (c) Wire Stripper (d) Spanner | 1 |
| 8. | Which types of switches are used in staircase wiring? (a) One-way switch (b) Push button (c) Rotary switch (d) Two-way switch | 1 |
| 9. | Which tool is used to check the gauge of wires? (a) Wire gauge (b) Meter tape (c) Vernier calliper (d) Tester | 1 |
| 10. | What is the unit of Electric Power? (a) Watt (b) Ampere (c) Volt (d) Ohm | 1 |
| 11. | Which joint is used to connect two cables to each other at a right angle? (a) Simple Joint (b) T Joint (c) Britannia Joint (d) Straight joint | 1 |
| 12. | How many kilowatt (KW) is equal to 1000 watt? (a) 1 KW (b) 0.1 KW (c) 0.5 KW (d) 0.2 KW | 1 |

| | | |
|-----|--|---|
| 13. | An electrical pressure that drives transmission of electric current is known as _____ (a) Power (b) Resistor (c) Voltage (d) Transistor | 1 |
| 14. | A wire made by inserting two or three different wires in a strong insulation is called _____ (a) Single Strand Conductor (b) Flexible wire (c) Pole wire (d) Cable | 1 |
| 15. | _____ is a hand tool used to hold objects firmly. (a) Poker (b) Screw driver (c) Plier (d) File | 1 |
| 16. | A _____ is used to remove unwanted, excess metal present on the job by filing/rasping so that its surface becomes uniform. (a) Poker (b) File (c) Screw driver (d) Hammer | 1 |
| 17. | The tool used to cut wood is known as _____ (a) C- Clamp (b) T - Square (c) Saw (d) Trowel | 1 |
| 18. | What is Bench Vice? (a) Used to hold the job firmly during filing, cutting, chiseling. (b) Drilling tool (c) Used for pressing the job. (d) Measuring tool | 1 |
| 19. | What do you mean by soldering? (a) To hold and cut the wooden job. (b) The process of joining by metals having lower melting point than that of metal sheet. (c) The process of joining by non-metal parts having lower melting point of non-metal sheet. (d) Process of joining of a wooden and metal part. | 1 |
| 20. | _____ is used to fix switches or other appliances at right angles on wood. (a) Hammer (b) Chisel (c) Tri square (d) Plane | 1 |

| | | |
|-----|---|---|
| 21. | Scriber is a hand tool used to mark lines on the _____ (a) Wood surface. (b) Metal surface. (c) Brick (d) Rubber surface. | 1 |
| 22. | Filler Rod provides the additional metal needed to form a joint via _____ (a) Drilling (b) Plumbing (c) Welding (d) Threading | 1 |
| 23. | Always use a hand screen and safety goggles during _____ (a) Constructing (b) Welding (c) Plumbing (d) Tapping | 1 |
| 24. | _____ tool is used in carpentry to level the wooden surface? (a) Chisel (b) Gimlet (c) Saw (d) Jack plane | 1 |
| 25. | Mixture of sand & cement is known as _____ (a) Mortar (b) Bricks (c) Plaster of Paris (d) China clay | 1 |
| 26. | Which machine is used for making holes in a wall? (a) Grinder machine (b) Hand drilling machine (c) Bench type drilling machine (d) Welding machine | 1 |

SECTION C

(COMPETENCY BASED QUESTIONS)

Answer any 5 questions out of the given 7 questions

(1 x 5 = 5 marks)

"The students of Vidyaniketan School were happy as a new water filter would be installed in the school. The complete installation responsibility was given to the students by the headmaster. First, students finalized the location for the water filter with the help of teachers. To keep the filter at the right height, students decided to build a concrete floor of 2 feet height. Some of the students started working on floor construction using bricks and cement. The remaining students began working on an electrical connection by drawing circuit diagrams. The electric supply was taken from the headmaster's cabin, and the connection was made in a simple circuit manner. To prevent the filter from short circuit or overload situation, the MCB is fixed in the switch box. Finally, the student's teamwork paid off, and the filter is ready to be used."

| | | |
|-----|--|---|
| 27. | Which protection device is used in circuit to prevent the filter from overloading current? (a) MCB (b) RCCB (c) Fuse (d) ELCB | 1 |
| 28. | Which electric wiring circuit is used to connect the filter? (a) Parallel circuit (b) Staircase wiring (c) Series-parallel circuit (d) Simple circuit | 1 |
| 29. | Name the materials students used to construct the floor? (a) Clay and paint (b) Cement and bricks (c) Plaster of Paris (d) Sand and clay | 1 |
| 30. | Which tool can students use to measure the horizontal level of the concrete floor? (a) Micrometer (b) Spirit level (c) Thermometer (d) Threading gauge | 1 |
| 31. | Which tools can students use to measure the height of the concrete floor? (a) Plumb bob (b) Spirit level (c) Thermometer (d) Meter tape | 1 |
| 32. | Which safety equipment's students need to wear while doing construction? (a) Hand screen and goggles (b) Cotton shoes and hand screen (c) Helmet, safety shoes, hand gloves (d) sanitizer and goggles only | 1 |
| 33. | Which tool is used to check the current in the circuit? (a) Tester (b) Voltmeter (c) Wattmeter (d) Screw driver | 1 |