

CBSE – DEPARTMENT OF SKILL EDUCATION

SECURITY (SUBJECT CODE 403)

MARKING SCHEME

Class X (Session 2019–2020)

Time: 2 Hours

Max. Marks: 50

General Instructions:

1. *This Question Paper consists of two parts viz. Part A: Employability Skills and Part B: Subject Skills.*
2. **Part A: Employability Skills (10 Marks)**
 - i. *Answer any 4 questions out of the given 6 questions of 1 mark each.*
 - ii. *Answer any 3 questions out of the given 5 questions of 2 marks each.*
3. **Part B: Subject Skills (40 Marks):**
 - i. *Answer any 10 questions out of the given 12 questions of 1 mark each.*
 - ii. *Answer any 4 questions from the given 6 questions of 2 marks each.*
 - iii. *Answer any 4 questions from the given 6 questions of 3 marks each.*
 - iv. *Answer any 2 questions from the given 4 questions of 5 marks each.*
4. ***This question paper contains 39 questions out of which 27 questions are to be answered.***
5. *All questions of a particular part/section must be attempted in the correct order.*
6. *The maximum time allowed is 2 hrs.*

PART A: EMPLOYABILITY SKILLS (10 MARKS)

Answer any 4 questions out of the given 6 questions of 1 mark each:

1.	Which of the following methods are used to receive information from the sender through a letter? (d) Writing	(1)
2.	Grooming is a term associated with (c) neat and clean appearance	(1)
3.	Which of the following is not a self-management skill? (b) Bargaining	(1)
4.	What does GPS stand for? (a) Global Positioning System	(1)
5.	What is the aim of entrepreneurship? (c) Both of the above	(1)
6.	What are some of the environmental changes caused due to modern methods of agriculture? (a) Chemical pollution due to fertilizers	(1)

Answer any 3 questions out of the given 5 questions of 2 marks each:

7.	What are the five sources of energy available to us? There are 5 fundamental sources of energy : (i) Nuclear fusion in the Sun (solar energy), (ii) Gravity generated by the Earth and Moon, (iii) Nuclear fission reactions, (iv) Energy in the interior of the Earth, and (v) Energy stored in chemical bonds. Most of the energy we use today come from fossil fuels (stored solar energy). But fossils fuels have a disadvantage in that they are non-renewable on a human time scale, and causes other potentially harmful effects on the environment.	(2)
8.	List any four characteristics of entrepreneurship. 1. Ability to take up risks 2. Believe in hard work and discipline 3. Adaptable and flexible to achieve the goals of enhancing quality and customer satisfaction 4. Knowledge of the product and services and their need or demand in the market 5. Financial literacy and money management skills 6. Effective planning and execution.	(2)
9.	List the steps to search for information using a web browser. To see the information on the various websites, you need an Internet Browser. An Internet Browser is an application or a software program on your computer or laptop which helps you visit the various websites. Some examples of browsers are Google Chrome, Mozilla Firefox and Internet Explorer. Searching for information: Do the steps below to search for information on the Internet. - Open an Internet browser - Type the topic, on which you want information, in the search box and hit the Enter key. - The search results having the required information will be displayed. Click Firefox icon to open Firefox Mozilla browser and search for information.	(2)
10.	What are the factors that affect self-confidence? Given below are some factors that affects self-confidence. (a) When we think we cannot do a particular work. (b) When we keep thinking of our past mistakes and feel bad about it, instead of learning from them. (c) When we expect to be successful at the first attempt itself and do not try again. (d) When we are surrounded by people who have a negative attitude, which is reflected in their speech.	(2)
11.	Write down the different types of verbal communication. Give an example for each type. Oral or Spoken Communication: Communication which involves talking. Face-to-face conversation, Talking on a phone Written Communication: Communication which involves written or typed words. Writing letters, notes, email, etc.	(2)

PART B: SUBJECT SKILLS (40 MARKS)

Answer any 10 questions out of the given 12 questions:

12.	(B)	120 paces per minute	(1)
13.	(D)	2005	(1)
14.	(C)	DMT	(1)
15.	(B)	2005	(1)
16.	(B)	Border Security Force	(1)
17.	(D)	Digital Versatile Disc	(1)
18.	(A)	1024 Bytes	(1)
19.	(D)	@	(1)
20.	(A)	Chin lift method	(1)
21.	(B)	Rescue breathing	(1)
22.	(C)	2010	(1)
23.	(A)	165 cm	(1)

Answer any 4 questions out of the given 6 questions of 2 marks each:

24.	Boxing is a contact sport, in which two opponents fight with each other under a referee. Players wear gloves and other safety gears. Boxing fight is called bout divided into normally three rounds of three minutes each. Players fight as per weight category. Boxing is played worldwide including the Olympics.	(2)
25.	Common rescue and evacuation drills are: 1. Fire drill 2. Drills on use of rescue equipment like ropes, knots, stretchers, fire extinguishers, first aid kit, etc. 3. Use of floatation devices 4. Use of personal protection equipment	(2)
26.	Roles and functions of Indo-Tibetan Border Police (ITBP) are: 1. keep vigil on Northern borders and detection and prevention of border violation 2. check illegal immigration and trans-border smuggling and crimes 3. provide security to sensitive installation, banks and designated persons 4. restore and preserve order in any area in the event of disturbance 5. come in the aid of civil authority, in the event of natural disaster	(2)

27.	<ol style="list-style-type: none"> 1. The sleep feature of the computer conserves energy. 2. It powers down the hard disc and monitor. 3. In case there is a power failure during sleep all unsaved work will be lost. 4. It is wise to save all work before sleep mode is used. 	(2)
28.	<p>The signs of shock are as under:</p> <ol style="list-style-type: none"> 1. Restlessness and nervousness 2. Fast breathing 3. Nausea, sometimes vomiting 4. Weak pulse 	(2)
29.	<p>The benefits of security lighting are as under:</p> <ol style="list-style-type: none"> 1. It acts as deterrent against the intruders 2. Helps in detection of intruders 3. It is useful for safety 4. It is convenient to patrolling staff 	(2)

Answer any 4 questions out of the given 6 questions of 3 marks each:

30.	<p>The benefits of drill are as under:</p> <ol style="list-style-type: none"> 1. It helps a team to respond quickly and effectively to a situation 2. It helps an individual and group to get familiar with standard procedure and use an equipment or weapon effectively 3. It helps in developing self-confidence and perfection in performing duties 	(3)
31.	<p>Methods adopted for extinguishing a fire are as under:</p> <ol style="list-style-type: none"> 1. Cooling – Pour or sprinkle water on fire to bring down the temperature 2. Smothering – Cover fire with sand, foam or blanket to choke supply of oxygen 3. Starving – Remove burning material to starve the fire of fuel 	(3)
32.	<p>The chapter IV of the Indian Penal Code (IPC) deals with General Exceptions (Sections 76-106)</p> <ol style="list-style-type: none"> 1. IPC Sections 76-95 pertain to certain acts, which when committed under certain situations is not an offence 2. IPC Sections 96-106 pertain to Right of Private Defence 	(3)
33.	<p>Major elements of the Compose Mail interface are:</p> <ol style="list-style-type: none"> 1. Recipients box – To, CC or BCC 2. Subject box 3. Message box 4. Formatting options 5. Send, attach, delete, button and formatting options etc. 	(3)
34.	<p>First aid for controlling bleeding is as under:</p> <ol style="list-style-type: none"> 1. Clean the wound 2. Place a sterile dressing over the wound 3. Place your hand over the dressing and apply pressure on wound for 5-10 minutes 4. Tie a bandage over the dressing tightly 	(3)

35.	Principal components of a CCTV system are: <ol style="list-style-type: none"> 1. Camera/ lens 2. Monitor 3. Video recorder 4. Cable 	(3)
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Answer any 2 questions out of the given 4 questions of 5 marks each:

36.	The fire tetrahedron is composed of the following: <ol style="list-style-type: none"> 1. To ignite a fire heat, oxygen and fuel are needed. 2. Fire starts when any fuel (oil, wood, paper, etc) is sufficiently heated at flash point in presence of oxygen. 3. The heat, oxygen and fuel start a chain reaction (fire) is called Fire Tetrahedron. 	(5)
37.	The Arms of the Indian Army are: <ol style="list-style-type: none"> 1. Armoured Corps 2. Mecahnised Infantry 3. Infantry 4. Artillery 5. Engineers 6. Army Air Defence 7. Army Aviation 8. Signals 	(5)
38.	<ol style="list-style-type: none"> 1. Human nervous system is divided in to central nervous system and peripheral nervous system. 2. The central nervous system consists of brain and spinal cord. 3. The peripheral nervous system is made of motor and sensory nerves 4. The peripheral nervous system is directed by the brain. 5. Some peripheral nerves function on their own and are called automatic nerves, like respiration, digestion, activity etc. 	(5)
39.	Assignment instructions contain the security procedure of a premise or site. The security personnel follow these instructions for discharge of their duties under various situations. The following aspects are contained in the assignment instructions: <ol style="list-style-type: none"> a. Company's internal organization b. Company's safety policy a. Standing instructions b. Emergency plan c. Evacuation plan d. Contact details 	(5)