

UMMUL-QURAL HIGH SCHOOL

AROWONA BUS-STOP, AKANRAN ROAD, IBADAN.

2018/2019 THIRD EXAMINATION.

SUBJECT: BST 2.

CLASS: JSS 1

TIME: 2 hours.

SECTION A: Answer all the questions.

PART I: BASIC TECHNOLOGY.

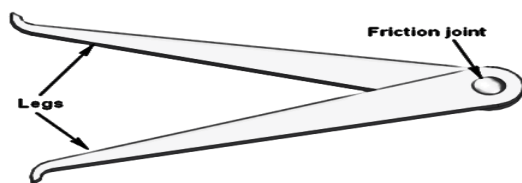
1. Which of the following is **not** used to prevent injury in the workshop?

- A. Ear muff.
- B. Hand gloves.
- C. Helmet.
- D. Oxygen mask.

2. The correct tool for smoothening a sheet of metal in the workshop is;

- A. chisel.
- B. file.
- C. hacksaw.
- D. plier.

3. The metalwork hand tool shown below is used for;



- A. cutting.
- B. marking-out.
- C. measuring.
- D. holding.

4. Which of the following is used for job holding during planning operation?

- A. Bench stop.

B. G-clamp.

C. Plier.

D. Vice.

5. The best tool for cutting sheet of metal in the workshop is;

- A. inside caliper.
- B. outside caliper.
- C. hacksaw.
- D. scraper.

6. Maintenance is **mostly** carried out in order to;

- A. prevent device from broken down.
- B. prolong the life span of the tools or devices.
- C. prevent components from being under used.
- D. reduce the life span of the tools or devices.

7. Which of the following does **not** belong to cutting and paring tools?

- A. Chisels.
- B. Planes.
- C. Hacksaws.
- D. Tape measures.

8. The name of the hand tool in question 3 above is;

- A. hammer.
- B. chisel.
- C. caliper.
- D. screwdriver.

9. The following saws can be used to cut curves **except**;

- A. coping saw.

- B. fret saw.
- C. bowing saw.
- D. tenon saw.

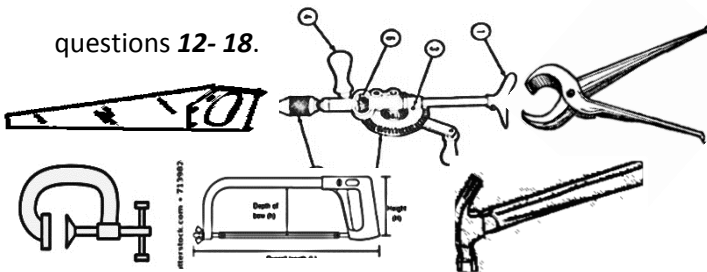
10. In order to properly secure filling job, a metalworker need to use;

- A. gap.
- B. groove.
- C. hole.
- D. vice.

11. In order to make accurate square of metalwork in the workshop, you need to use;

- A. bevel square.
- B. try square.
- C. square miter.
- D. mortise gauge.

Use the information provided below to answer questions **12- 18**.



12. Identify the driving tools from the diagram above.

- A. **I** and **II** only.
- B. **I** and **IV** only.
- C. **III** and **VI** only.
- D. all of the above.

13. The hand tool used in cutting plank into straight edges is;

- A. **I**.
- B. **II**.
- C. **III**.

D. **V**.

14. The tools labelled **I**, **II** and **III** are;

- A. clawless hammer, pad saw and drill press respectively.
- B. clawless hammer, hacksaw and wheel brace respectively.
- C. hammer, pincer and saw respectively.
- D. G-clamp, hacksaw and tenon saw respectively.

15. In a carpentry works, you can remove nail with the help of;

- A. **I** or **II**.
- B. **I** or **VI**.
- C. **III** or **VI**.
- D. **I** or **III**.

16. Drilling or boring of holes can be done with the aid of;

- A. **II**.
- B. **I**.
- C. **III**.
- D. **V**.

17. Cutting tools are;

- A. **I** and **II**.
- B. **II** and **V**.
- C. **I** and **VI**.
- D. **III** and **IV**.

18. A workshop device that perform same functions as **III** is known as;

- A. wheel brace.
- B. ratchet brace.
- C. hammer.
- D. hacksaw.

19. Smoothing the surface of planks is termed as;

- A. planning.
- B. cutting.
- C. painting.
- D. turning.

20. The hand tools are categorized into;

- A. 5 categories.
- B. 4 categories.
- C. 6 categories.
- D. 10 categories.

21. The properties common to both the metal and wood work hand tools is;

- A. shapes.
- B. parts.
- C. uses and functions.
- D. shapes and parts.

PART II: COMPUTER STUDIES.

22. Which of the following is **not** an electronic medium of information transmission?

- A. GSM.
- B. Television.
- C. Radio.
- D. Posters.

23. Which of the following is **not** an ancient mode of transmitting information?

- A. Printing.
- B. Drumming.
- C. Fire lighting.
- D. Whistling.

24. Which of the following is **not** a modern medium of passing information?

- A. Radio.
- B. Television.

- C. Satellite.
- D. Drawing diagram.

25. Method of information transmission can be divided into;

- A. 2.
- B. 3.
- C. 4.
- D. 5.

26. All the following are impact of IT on our society **except**;

- A. information can reach large number of people faster.
- B. IT has turned the whole world into global village.
- C. acquiring knowledge has become cheaper.
- D. knowledge acquisition has become expensive.

27. Information can be transmitted through the following ways **except**;

- A. courier.
- B. fire lighting.
- C. oral.
- D. radio.

28. What is the full meaning of ICT?

- A. Information Common Technology.
- B. Information Communication Technology.
- C. Information Current Technology.
- D. Internal Communication Technology.

29. A processed data is *called*;

- A. database.
- B. document.
- C. file.
- D. information.

30. A raw data ready for processes is *known* as;

- A. datum.
- B. data.
- C. news.
- D. information.

31. The term *e-commerce* provides;

- A. means of buying and selling through electronics.
- B. means of sending goods and services through post.
- C. sending of goods and services through rail.
- D. sending and receiving goods through road transport.

32. Computer can be used to;

- A. send and receive information.
- B. send information.
- C. receive information.
- D. send information but not to receive information.

33. Computer can be used to;

- A. process files.
- B. save documents.
- C. store documents.
- D. create books.

34. Computer security can be improved by the use of;

- A. username.
- B. passwords.
- C. ID numbers.
- D. account numbers.

THE INTERNET

World wide web (www) is an information space where documents and other web resources like print server, domain name services (DNS), document servers etc. are identified by unique resource locator (URL) and interlinked by

hypertext links and can be accessed through the internet. Other web document includes protocols, audio files, video files and image files. The print server is used to locate any available printer on the network, the DNS interpret names to locate device on the internet by their name while HTTP provides protocols for devices to link to each other on the networks.

Use the information provided above to answer questions **35-40**.

35. The internet offers several services. Which of the following is incorrect about the internet?

- A. World wide web is used to provide space for information exchange.
- B. On the internet, DNS serves device's names for information exchange.
- C. The URL is the address locator that make the internet easy to browse.
- D. Www is a computer device that help to use the internet.

36. HTTP means;

- A. **hypertext transfer protocol**.
- B. **helping transfer text protocol**.
- C. **helping text transfer printer**.
- D. **hyper transfer text protocol**.

37. The document server on the internet can serve the following **except**;

- A. audio images.
- B. audio files.
- C. video files.
- D. image files.

38. In order to print document from the internet, a server that help to locate a printer is;

- A. document server.
- B. file server.
- C. print server.

D. image server.

39. The following mechanisms facilitate internet services **except**;

A. DNS.

B. HTTP.

C. GSM.

D. URL.

40. The important internet URL stands for;

A. **d**omain **n**ame **s**erver.

B. **h**ypertext **t**ransfer **p**rotocol.

C. **u**nique **r**esource **l**ocator.

D. **g**lobal **s**ervice **m**obile.

SECTION B: Answer **two** questions from **PART I** and only **one** from **PART II** making **three** questions in **all**.

PART I: BASIC TECHNOLOGY.

1a. What is hand tools? (1 mark).

1b. List **three** examples each of the following hand tools;

- i. Measuring tools.
- ii. Driving tools.
- iii. Holding tools. (9 marks).

2a. What is a machine? (1 mark).

2b. List **three** types of maintenance. (3 marks).

2c. Mention any **three** importance of machine maintenance. (6 marks).

3a. What is sharpening tools? (1 mark).

3b. List types of files. (5 marks).

3c. Write **three** Do's and **two** Don'ts in the workshop. (5 marks).

PART II: COMPUTER STUDIES.

4a. What is information transmission? (1 mark).

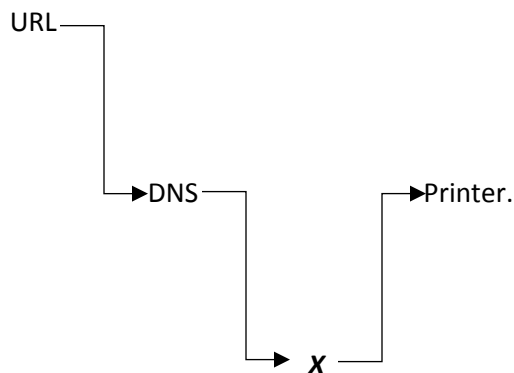
4b. Mention **three** means by which information can be transmitted from one place to the other or among people. (6 marks).

4c. List **three** web resources that can be served on the internet. (3 marks).

5a. What is world wide web?

5b. List **four** web resources.

5c. Complete the chart below by writing what **X** is.



THE INTERNET: The internet printer locator for printing job.

