

## BENCH FITTING

### TEST PAPER

CANDIDATE NAME: \_\_\_\_\_ GROUP NO: \_\_\_\_\_

RESULT: PASS

Needs more training: \_\_\_\_\_

DATE: \_\_\_\_\_

ASSESSOR: \_\_\_\_\_ *PRINT* \_\_\_\_\_ *SIGN***1. Name 5 of the health and safety requirements and safe working practices and procedures required for the hand fitting activities undertaken**

a)

b)

c)

d)

e)

**2. What is the importance of wearing appropriate protective clothing and equipment, and of keeping the work area safe and tidy? List 3**

a)

b)

c)

**3. What are the hazards associated with the following hand fitting activities?**

a) **Hacksawing :**

b) **Using Hammers :**

c) **Using Files :**

d) **Drilling**

**4. How do you use and extract information from engineering drawings and related specifications in relation to work undertaken?****5. How do you interpret first and third angle drawings?****6. How do you interpret imperial and metric systems of measurement?**

<b>7. Explain what a workpiece datum is?</b>
<b>8. How do you interpret the system of tolerancing shown on the drawing?</b>
<b>9. What must be done and how? Before using any precision measuring tools.</b>
<b>10. Name the three Taps that constitute a set?</b>
a)  b)  c)
<b>11. How do you determine the correct drill size for tapped holes?</b>
<b>12. Name 3 cuts of files?</b>
a)  b)  c)

<b>13. Name four grades of files?</b>
a)  b)  c)  d)
<b>14. Name six file shapes in general use?</b>
a)  b)  c)  d)  e)  f)
<b>15. Why is the tang of a file left soft?</b>
<b>16. How do you determine how to select the correct TPI for hacksaw blades for different materials?</b>

<b>17. When replacing the blade in a hacksaw, the cutting teeth:-</b>
a) May point in either direction b) Must point away from the handle of the saw c) Must point towards the handle of the saw.
<b>18. When locating a scribe against the blade of a square you should point it:</b>
a) Towards a blade. b) Away from a blade. c) Vertical against the blade.
<b>19. Which of the following tools is NOT used for the direct measurement of checking angles?</b>
a) Square b) Combination Set c) Protractor d) Vernier Callipers
<b>20. List four types of general marking out equipment used in the workshop.</b>
a) b) c) d)