

BGCSE

CARPENTRY

EXAMINATION PAPERS

UNDERSTAND • PRACTICE • SUCCEED





THE OPENHANDED CLASSROOM

LEARN MORE. ACHIEVE MORE. SMILE MORE.



BGCSE CLASSES

- ✓ Exam-Focused Learning
- ✓ Past Papers & Strategies
- ✓ Stronger Understanding
- ✓ Better Grades, Brighter Future



[**CLICK HERE**](#)



SAT CLASSES

- ✓ Smart Test Strategies
- ✓ Stronger Scores
- ✓ Time Management Skills
- ✓ College & Scholarship Ready



[**CLICK HERE**](#)



BJC CLASSES

- ✓ Clear, Simple Explanations
- ✓ Focus on Understanding
- ✓ Help That Fits Your Pace
- ✓ Build Confidence, Get Results



[**CLICK HERE**](#)



EXPERT TEACHING.
PROVEN RESULTS.



LEARN SMARTER.
ACHIEVE MORE.



FOCUSED SUPPORT.
REAL RESULTS.



THEOPENHANDEDCLASSROOM:
(242) 426-8891



THE OPENHANDED CLASSROOM

BGCSE FREE SOLUTIONS MANUALS

COMPLETE SOLUTIONS FOR ALL
MAJOR SUBJECTS

- ⦿ MATHEMATICS
- ⦿ ENGLISH LANGUAGE
- ⦿ HISTORY
- ⦿ RELIGIOUS STUDIES
- ⦿ ACCOUNTS
- ⦿ SCIENCES (BIOLOGY, PHYSICS,
COMBINED SCIENCE)
- ⦿ FOREIGN LANGUAGE
(FRENCH AND SPANISH)

UNDERSTAND. PRACTICE. SUCCEED.

[CLICK HERE](#)

EXAM-REAL.

EXAM-PROVEN.

FREE LISTENING COMPREHENSION — AUDIO FILES —



THE **EXACT AUDIO** USED
IN PAST BJC & BGCSE EXAMS



REAL EXAMS

The exact listening comprehension audio from past papers.



REAL PREPARATION

Hear what you'll hear in the real exam.



REAL RESULTS

Practise with purpose. Improve your confidence and performance.

AVAILABLE FOR:



BJC
ENGLISH



BGCSE
ENGLISH LANGUAGE



BJC
FRENCH



BJC
SPANISH



BGCSE
FRENCH



BGCSE
SPANISH

WHY THESE AUDIO FILES MATTER



EXACT AUDIO

The exact recordings used in past BJC & BGCSE exams.



EXAM FAMILIARITY

Get used to the real voices, speed, accents and exam conditions.



STRATEGIC ADVANTAGE

Walk in confident knowing exactly what to expect.



100% FREE

High quality. No cost. Just results.



CLICK HERE

DOWNLOAD • START PRACTISING



BETTER PREPARATION.
BETTER RESULTS.

You've got this!

PAST EXAMS. **REAL AUDIO**. BETTER PREP. GREATER CONFIDENCE.

School Number	Candidate Number
Surname and Initials	

CARPENTRY AND JOINERY

PAPER 1 4011/1

Monday **12 MAY 2025** 9:00 A.M.–10:00 A.M.

Additional materials:

Pen

Pencil

MINISTRY OF EDUCATION NATIONAL EXAMINATIONS

BAHAMAS GENERAL CERTIFICATE OF SECONDARY EDUCATION

INSTRUCTIONS TO CANDIDATES

Do not open this booklet until you are told to do so.

Write your school number, candidate number, surname and initials clearly at the top of this question booklet.

Answer **ALL** questions in ink.

Write your answers in the spaces provided.

INFORMATION FOR CANDIDATES

The mark for each question is shown in brackets [] at the end of each question or part question.



This question paper consists of 16 printed pages.

1. (a) **Figure 1** shows examples of safety signage used on the building construction site.

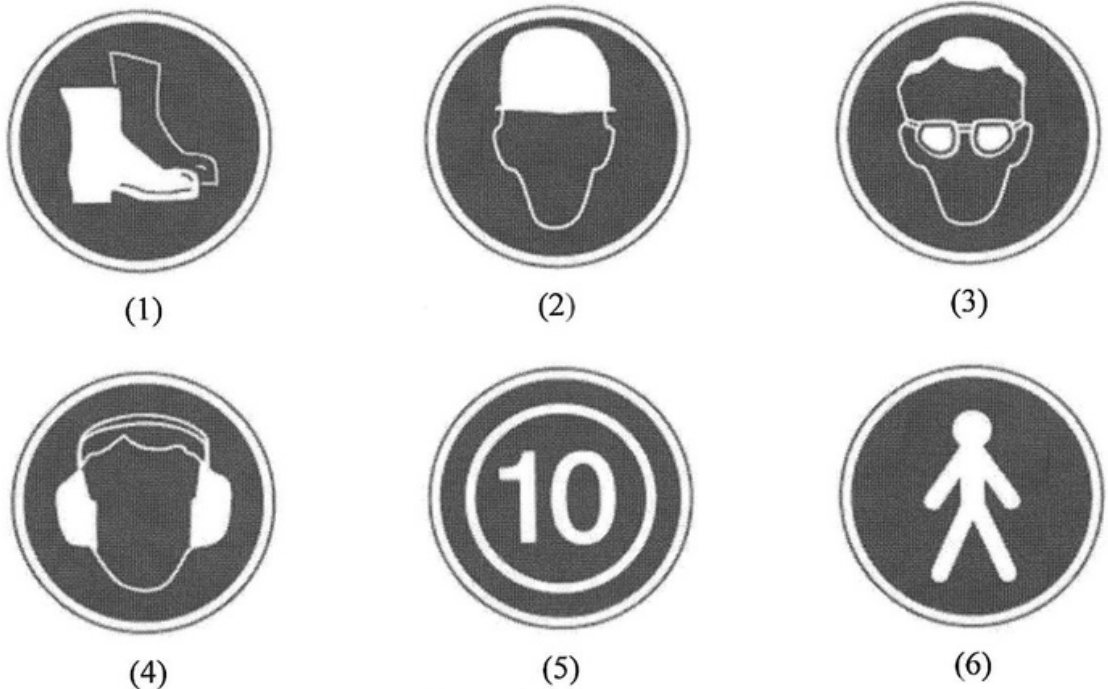


Figure 1

Excavation work is in progress on a site, and the following equipment is being used:
A jackhammer, a rock breaker, and a dump truck.

Circle the correct letter on the list below to show which items of safety signage would be used. [1]

- (A) 1, 2, 4 and 5
- (B) 1, 3, 4 and 6
- (C) 2, 3, 5 and 6
- (D) 2, 4, 5 and 6
- (b) A worker's clothing catches fire on the construction site while dispensing flammable liquid. Circle the correct letter in the list below to show the best method to extinguish the fire. [1]
- (A) Use a fire blanket
- (B) Call emergency services
- (C) Use a dry chemical fire extinguisher
- (D) Use a carbon dioxide fire extinguisher



2. **Figure 2** shows a construction worker working outside of a high rise building, while fully attired in personal protective equipment.



Figure 2

- (a) Give the correct name of the personal protective equipment the construction worker is wearing. [1]

- (b) Explain the main function of the personal protective equipment the construction worker is wearing. [2]



3. **Figure 3** shows diagrams **A** through **F** that illustrates the proper way to lift heavy objects, which involves several steps.

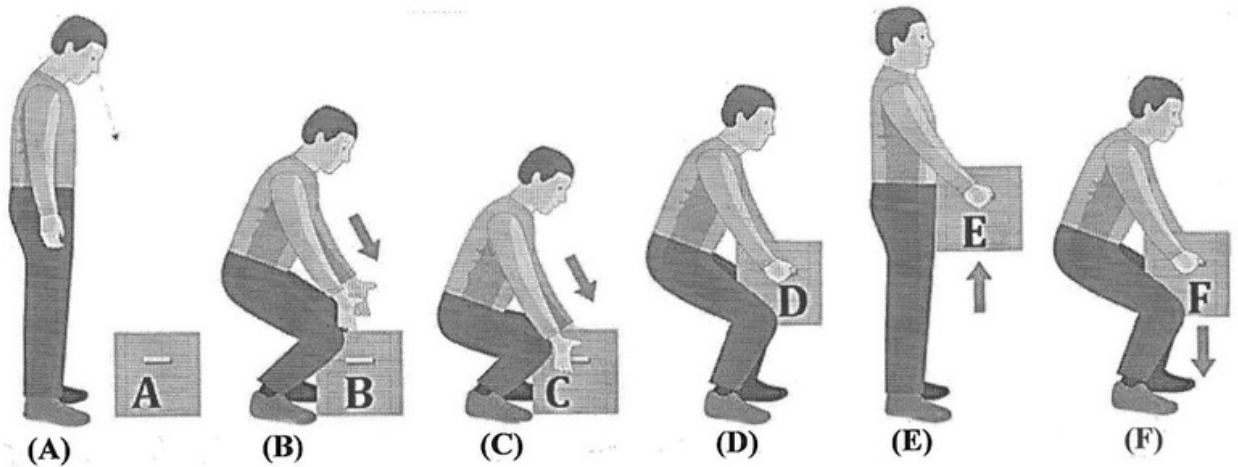


Figure 3

On the lines provided opposite, and using the steps listed in **Table 1** below, write the correct order for a person lifting a 20 kg box of ironmongery. [6]

Table 1

The Steps for Lifting Heavy Objects
Use your leg and hip muscles, not your back, to lift the object by straightening your legs.
Squat down bending at the hips and knees, keeping your back straight.
To put the object down, reverse the process, bending at the hips and knees while keeping your back straight.
Secure a firm grip on the object, hugging it close to your body if possible.
Keep the object close to your body as you carry it.
Stand close to the object with your feet shoulder-width apart.



(A)

(B)

(C)

(D)

(E)

(F)



4. Using the parts list in **Table 2** correctly identify ANY **FOUR** parts labelled **A** through **H** of **Figure 4** – a commonly used wood screw. Write your answers in the table provided. [4]

Table 2

PARTS LIST		
COUNTER SINK	CLEARANCE HOLE	INSIDE COUNTERSINK
PILOT HOLE	HEAD	SHANK
THREAD	ROOT	

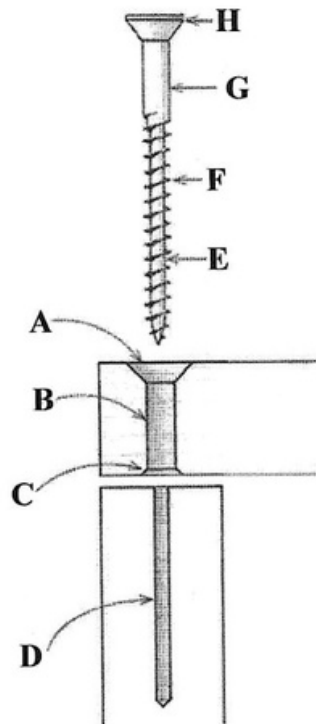


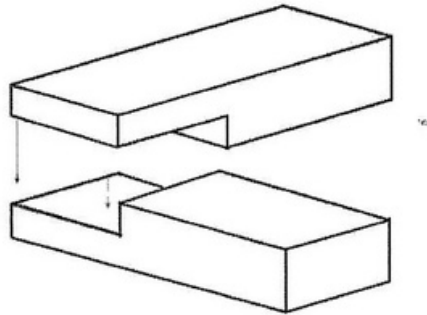
Figure 4

A		C		E		G	
B		D		F		H	



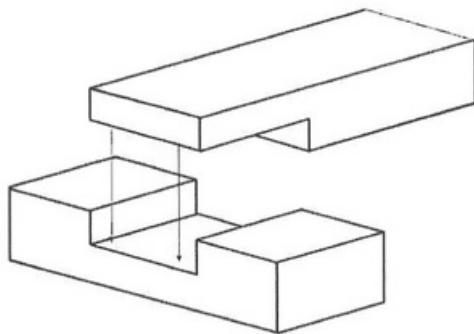
5. The exploded isometric diagrams below show **FIVE** different types of **HALVING JOINTS** used in Carpentry and Joinery construction work. Study the joint detail and answer the following questions.

- (i) Give the correct name of each Halving Joint. [5]
- (ii) Give **ONE** specific use of each Halving Joint. [5]



NAME OF JOINT: _____

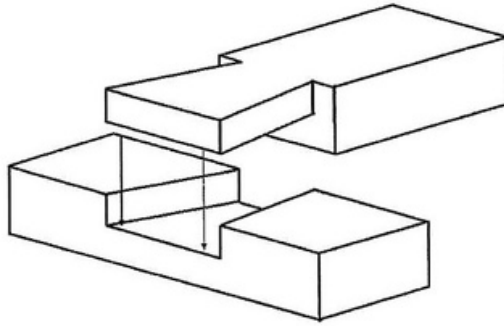
SPECIFIC USE OF THIS TYPE OF JOINT:



NAME OF JOINT: _____

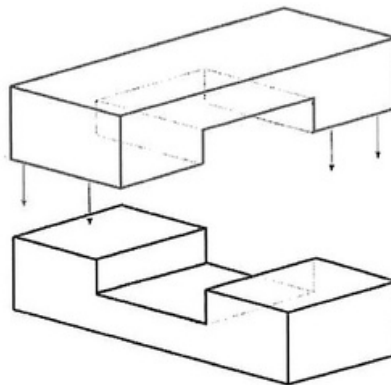
SPECIFIC USE OF THIS TYPE OF JOINT:





NAME OF JOINT: _____

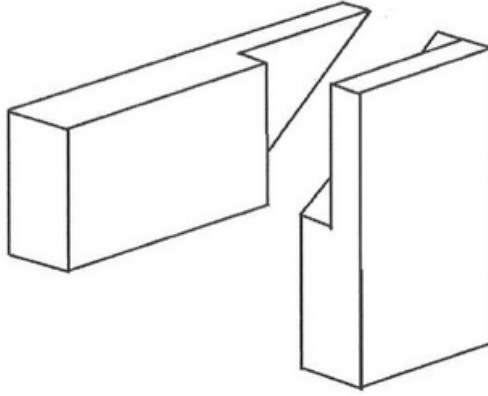
SPECIFIC USE OF THIS TYPE OF JOINT:



NAME OF JOINT: _____

SPECIFIC USE OF THIS TYPE OF JOINT:





NAME OF JOINT: _____

SPECIFIC USE OF THIS TYPE OF JOINT:



6. **Figure 5** shows a student operating a drill press without wearing proper personal protective equipment. Study the diagram below and answer the following questions:

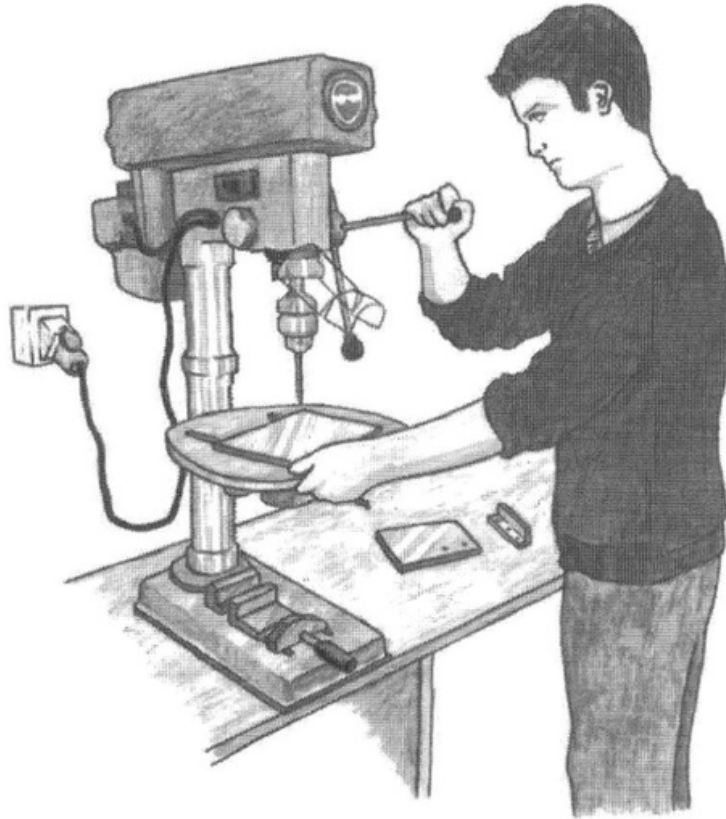


Figure 5

- (a) What **FOUR** hazards is the student likely to be exposed to for not wearing the proper personal protective equipment? [4]

(i) _____

(ii) _____

(iii) _____

(iv) _____



- (b) What control measures should be implemented to prevent the **FOUR** hazards that you identified in **6(a)**? [4]

Control Measure 1 _____

Control Measure 2 _____

Control Measure 3 _____

Control Measure 4 _____



7. **Figure 6** below shows a type of Holding Device commonly used in the Carpentry workshops.

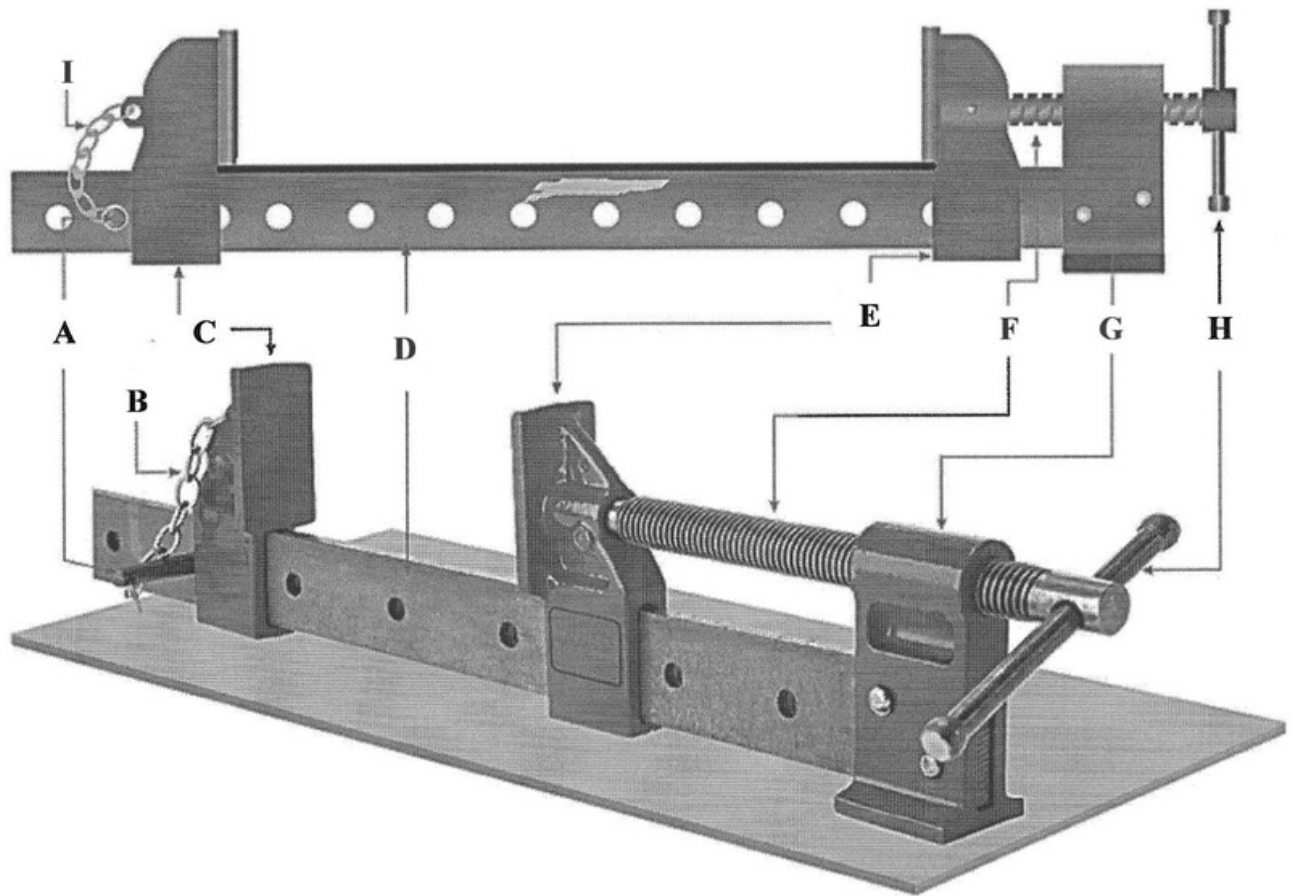


Figure 6

- (a) State the correct name of the Holding Device. [1]

- (b) Briefly describe what the Holding Device in **Figure 6** is used for in the Carpentry and Joinery workshop. [1]



- (c) Using **Table 3** – the parts list, identify ANY **FOUR** parts labelled **A** through **I**. Write your answers in the table provided. [4]

Table 3

PARTS LIST	
TOMMY BAR	THREAD
THREAD	SLIDE
HEAD	BAR
CHAIN	SLIDE
PEG	

A		F	
B		G	
C		H	
D		I	
E			

8. **Figure 7** shows a type of timber defect. What is the correct name of this defect? Write your answer on the line below. [1]

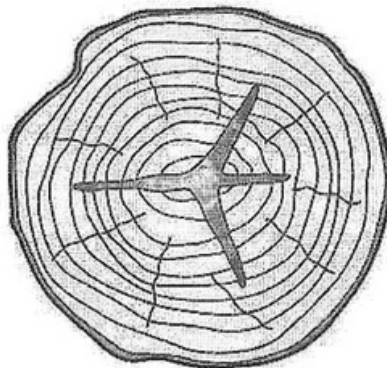


Figure 7



9. **Figure 8** shows a type of impelling tool generally used in the carpentry and joinery workshop. What is the correct name of this impelling tool? Write your answer on the line below. [1]

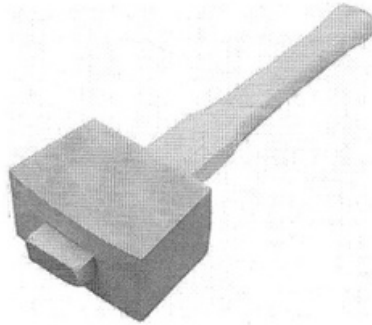


Figure 8

10. **Figure 9** shows a concrete floor area to be sand-filled. A two feet (2'-0") thick layer of sand is required beneath the floor area. Calculate the total cubic yards of sand required using the formula in **Table 4** for calculating cubic yards.

Show all working.

[4]

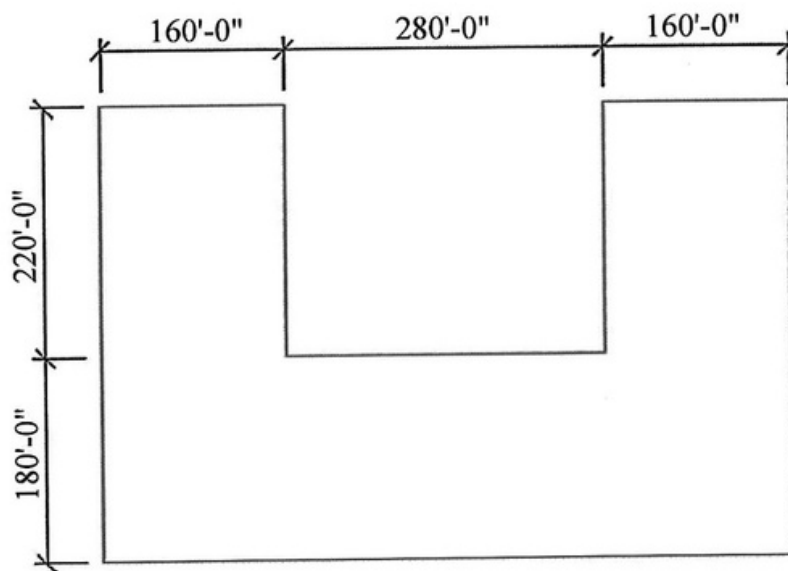


Figure 9



Table 4

Formula for Calculating Cubic yard	
cubic yard =	$\frac{\text{length (in feet)} \times \text{width (in feet)} \times \text{thickness (in feet)}}{27}$
cubic yard =	$\frac{\text{TOTAL AREA} \times \text{THICKNESS}}{27}$

For Examiner's Use		
Tick questions answered ✓		Marks
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
	Total Marks	

