Multiple Choice Questions (MCQs) focuses on “Terminology”.

1. What does ‘50’ represents in 50H8/g7?

a) Basic size

b) Actual size

c) Maximum limit of size

d) Minimum limit of size

2. What is ‘Go limit’?

a) Lower limit of shaft and upper limit of hole

b) Lower limit of shaft and hole

c) Upper limit of shaft and lower limit of a hole

d) Upper limit of shaft and hole

3. Which of the following is incorrect regarding terminology?

a) Grades of tolerances decides manufacture’s accuracy

b) For any basic size there are 20 different shafts

c) Line of zero deviation is known as zero line

d) Tolerance has no sign

4. What is the actual deviation?

a) Algebraic sum between actual size and corresponding basic size

b) Algebraic difference between actual and corresponding basic size

c) Average of actual and basic size

d) Algebraic difference between upper and lower deviation

5. What is the condition for a positive upper deviation?

a) Maximum limit of size > basic size

b) Maximum limit of size is < basic size

c) Minimum limit of size > basic size

d) Maximum limit of size < basic size

6. How many holes are there for any basic size?

a) 22

b) 24

c) 26

d) 28

7. What does ES represent in terminology as per IS: 919?

a) Lower deviation of hole

b) Upper deviation of shaft

c) Lower deviation of shaft

d) Upper deviation of hole

8. What is ‘IT01’?

a) Basic size of hole

b) Basic size of shaft

c) Tolerance grade

d) Standard tolerance factor

9. For tolerance grades 5 to 16, what is the formula for standard tolerance factor?

(D=mean diameter in mm)

a) 0.45 (D)1/3 + 0.001D

b) 10\*D

c) 0.45 (D)3 + 0.001 D

d) 20\*D

10. What is the hole size which is covered by IT05?

a) 500 mm

b) 600 mm

c) 700 mm

d) 800 mm