

1). Which is used to clean the slip gauge?

- (A) Wax
- (B) Kerosene
- (C) Soluble oil
- (D) Carbon tetrachloride

Correct Answer: D

2). Which grade slip gauge is used for precision tool room applications?

- (A) Grade 00
- (B) Grade 0
- (C) Grade I
- (D) Grade II

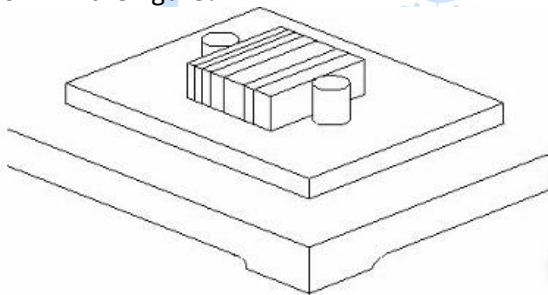
Correct Answer: C

3). Which one forms the hypotenuse of the triangle while checking with sine bar?

- (A) Surface plate
- (B) Sine bar width
- (C) Sine bar length
- (D) Slip gauges' height

Correct Answer: C

4). What is the name of the application of slip gauge shown in the figure?



- (A) Drawing circles
- (B) Checking height
- (C) Checking center distance of holes
- (D) Layout work

Correct Answer: C

5). What is the use of Taly - Surf?

- (A) To measure angle
- (B) To measure flatness
- (C) To measure parallelism
- (D) To measure surface texture

Correct Answer: D

6). What is the result of lap being harder than the work piece?

- (A) Work piece will cut the lap
- (B) Accuracy cannot be obtained
- (C) Lap will cut the work piece

(D) Lapping operation leaves high spots

Correct Answer: A

7). Which precision finishing operation carried out using fine abrasive materials?

- (A) Filing
- (B) Grinding
- (C) Reaming
- (D) Lapping

Correct Answer: D

8). Which grade of slip gauge is used for inspection?

- (A) Grade I accuracy
- (B) Grade '0' accuracy
- (C) Grade '00' accuracy
- (D) Grade II accuracy

Correct Answer: B

9). Which is used to clean the lapping plate after charging?

- (A) Oil
- (B) Kerosene
- (C) Coolant oil
- (D) Petroleum jelly

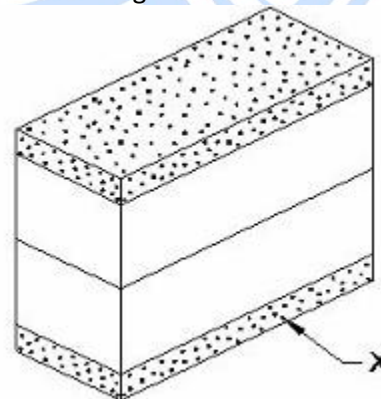
Correct Answer: B

10). What is the name of the slip gauge grade used for inspection?

- (A) Grade I
- (B) Grade '0'
- (C) Grade '00'
- (D) Grade "II"

Correct Answer: B

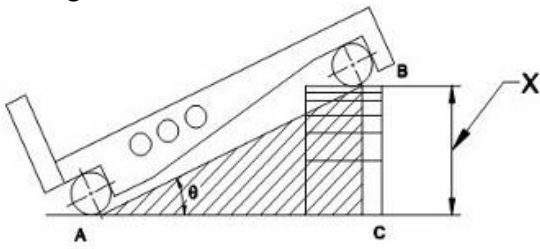
11). What is the name of the part marked as 'x' shown in the figure?



- (A) Chammois leather
- (B) Leather pad
- (C) Protector slip

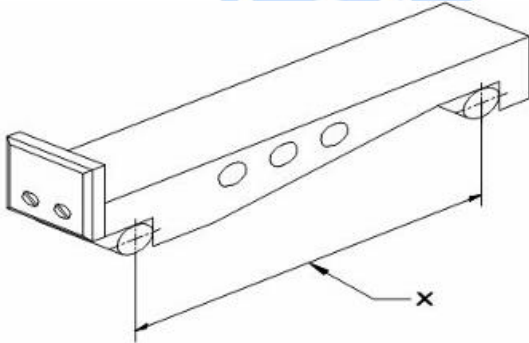
(D) Steel sheet
Correct Answer: C

12). What is the name of the part marked as 'X' shown in the figure?



(A) Height of slip gauge
(B) Length of sine bar
(C) Datum surface
(D) Taper angle
Correct Answer: A

13). What is marked as 'X' shown in the figure?



(A) Length of sine bar
(B) Drilled holes
(C) Contact rollers
(D) Width
Correct Answer: A

14). Which type of abrasive is used in honing cast iron and non-ferrous materials?

(A) Diamond
(B) Boron carbide
(C) Silicon carbide
(D) Aluminium oxide
Correct Answer: C

15). What is the name of the operation that corrects the profiles of cylindrical surfaces and removes taper?

(A) Boring
(B) Honing
(C) Grinding
(D) Reaming
Correct Answer: B

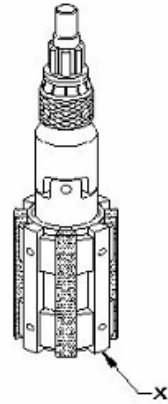
16). Which is the hardest of all abrasive materials?

(A) Silicon carbide
(B) Boron carbide
(C) Diamond
(D) Aluminium oxide
Correct Answer: C

17). Which material is used for manufacturing sine bar?

(A) Invar steel
(B) High speed steel
(C) High carbon steel
(D) Stabilized chromium steel
Correct Answer: D

18). What is the name of the part marked as 'x' shown in the figure?



(A) Stone
(B) Bronze guide
(C) Universal joint
(D) Expanding body
Correct Answer: B

19). Which process is carried out with abrasive sticks to correct the profile of internal cylindrical surfaces?

(A) Lapping
(B) Honing
(C) Grinding
(D) Filing
Correct Answer: B

20). Which finishing operation is performed by the tool that rotates and reciprocates simultaneously?

(A) Drilling
(B) Honing
(C) Lapping
(D) Grinding
Correct Answer: B

21). What is the act of joining the slip gauges together for building up sizes?

- (A) Glazing
- (B) Pinning
- (C) Loading
- (D) Wringing

Correct Answer: D

22). What is the purpose of slit provided in the lapping tool?

- (A) For clearance
- (B) For expansion
- (C) To retain abrasive
- (D) To adjust the sleeve

Correct Answer: B

23). Which is called as super finishing process?

- (A) Turning
- (B) Milling
- (C) Grinding
- (D) Honing

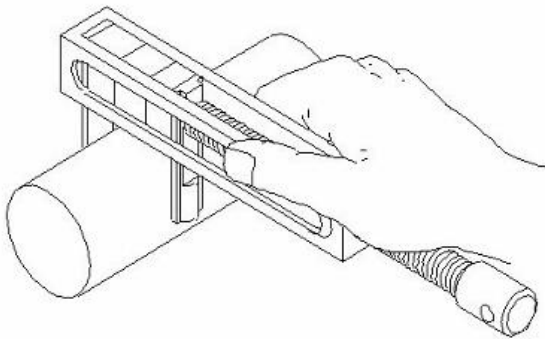
Correct Answer: D

24). Which material protects slip gauge from rusting?

- (A) Oil
- (B) Wax
- (C) Kerosene
- (D) Petroleum jelly

Correct Answer: D

25). Which instrument is used in measuring the external diameter shown in the figure?



- (A) Vernier caliper
- (B) Outside caliper
- (C) Parallel leg caliper
- (D) Pair of special jaws by using slip gauge

Correct Answer: D