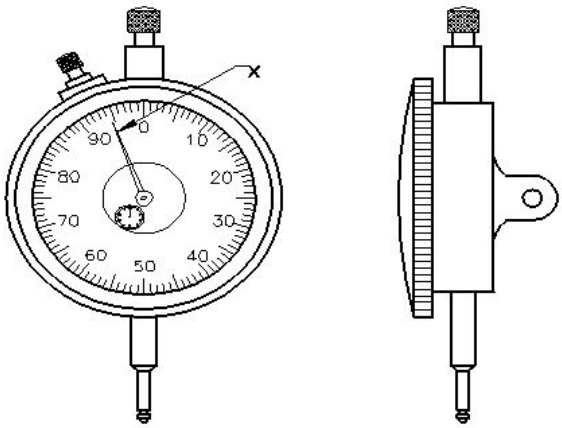
1). When is a vernier micrometer is preferred over ordinary micrometer for taking measurement?
(A) Need an accuracy of0.02 mm
(B) Need an accuracy of0.001 mm
(C) Need an accuracy of0.0001 mm
(D) Need an accuracy of0.01 mm
Correct Answer: B

2). Which fasteners joins two or more components and can be dismantled without any damaging?
(A) Semi-permanent fasteners
(B) Temporary fasteners
(C) Permanent fasteners
(D) Rigid fasteners
Correct Answer: B

3). Which fasteners ' components cannot be separated without any damage?
(A) Temporary fasteners
(B) Semi-permanent fasteners
(C) Permanent fasteners
(D) Removable fasteners
Correct Answer: C

4). Which semi-permanent fasteners firmly holds the plate and steel sections?
(A) Welding
(B) Bolt and nut
(C) Soldering
(D) Rivet
Correct Answer: D

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




(A) Anvil
(B) Steam
(C) Pointer
(D) Plunger
Correct Answer : C

6 ). When is ring bezel rotated in dial test indicator?
(A) For repairing
(B) For maintenance
(C) For zero setting
(D) For assembling
Correct Answer : C

7 ). What is the use of screw thread micrometer?
(A) To measure outside diameter
(B) To measure root diameter
(C) To measure effective diameter
(D) To measure minor diameter
Correct Answer: C

8). Which mechanism is used in the lever type dial test indicator?
(A) Rack and pinion
(B) Worm and worm wheel
(C) Lever and scroll
(D) Pawl and ratchet
Correct Answer: C

9). Which factor determines the selection of wire in screw thread micrometer?
(A) Thread angle
(B) Pitch of the thread
(C) Root and crest
(D) Major diameter
Correct Answer: B

D10). Why the measuring instruments are calibrated?
(A) For easy operation
(B) To maintain the accuracy of the measuring device
(C) For easy maintenance
(D) To reduce quality of the product
Correct Answer: B

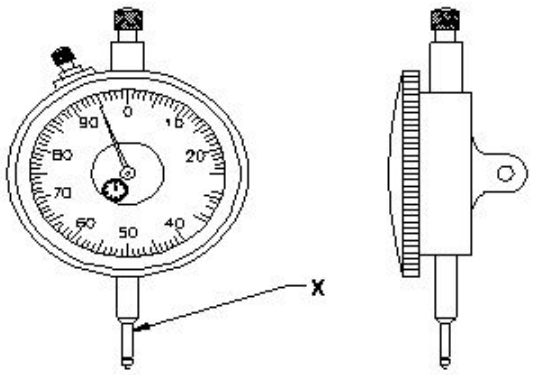
11). What is the least count of the metric vernier micrometer?
(A)0.01 mm
(B)0.02 mm
(C)0.001 mm
(D)0.002 mm
Correct Answer: C

12). Which instrument has the magnification of the small movement of the plunger converted into a rotary motion of the pointer on a circular scale?
(A) Dial test indicator
(B) Screw thread micrometer
(C) Inside micrometer
(D) Flange micrometer
Correct Answer: A

13). Which micrometer has the provision of interchangeable anvils?
(A) Depth micrometer
(B) Inside micrometer
(C) Outside micrometer
(D) Screw thread micrometer

Correct Answer: D

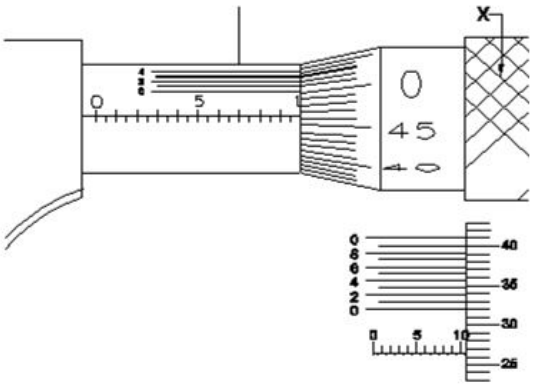
14). What is the name of the part marked as 'X' shown in the figure?




(A) Anvil
(B) Stem
(C) Pointer
(D) Plunger

Correct Answer: D

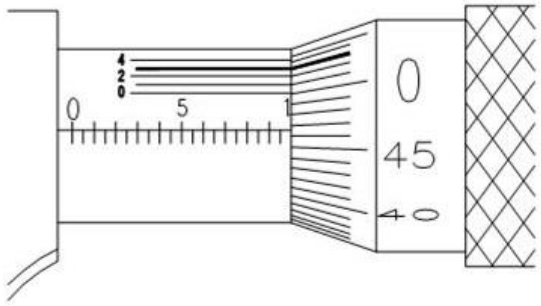
15). What is the name of the part marked as 'X' shown in the figure?




(A) Anvil
(B) Barrel
(C) Thimble
(D) Ratchet stop

Correct Answer: C

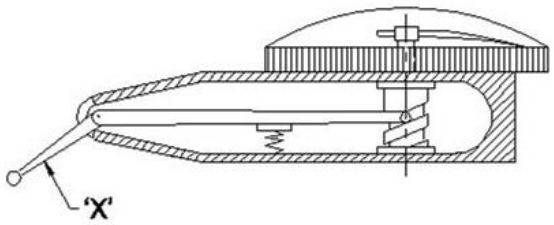
16). What is the reading of vernier micrometer shown in the figure?




(A)9.923 mm
(B)9.963 mm
(C)9.563 mm
(D)9.763 mm

Correct Answer: B

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




(A) Pivot
(B) Lever
(C) Stylus
(D) Scroll

Correct Answer: C

18). Why digital dial indicator is superior than the ordinary dial indicator?

(A) For overloading capacity
(B) Does not affect the environment condition
(C) To record and transmit data
(D) Effect of noise is less predominant

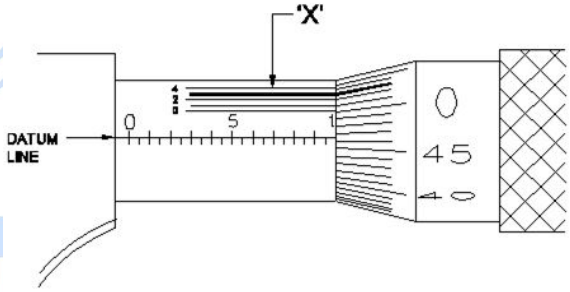
Correct Answer: C

19). Which diameter is measured using three wire method?

(A) Effective diameter
(B) Root diameter
(C) Crest diameter
(D) Core diameter

Correct Answer: A

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




(A) Barrel
(B) Thimble
(C) Datum line
(D) Vernier division

Correct Answer: D