

QUESTION PAPER  
OT Technician [SHIFT - 1]

Exam Date : 28/02/2024

Time : 03:00 PM - 05:00 PM

Subjective questions

Question 1

Question Id : 1

Which of the following retractors are not commonly used for abdominal surgery ?

Answer :

(A) Joll's retractor

(B) Deaver's retractor

(C) Morris retractor

(D) Thompson retractor

Option Id

1001

1002

1003

1004

**Right Answer :**

Joll's retractor

**Right Option Id : 1001**

Question 2

Question Id : 28

Which of the following instruments/equipment can not be sterilised by autoclave?

Answer :

(A) Proctoscope

(B) Flexometallic tube

(C) Artery forceps

(D) Metzenbaum scissors

Option Id

28001

28002

28003

28004

**Right Answer :**

Flexometallic tube

**Right Option Id : 28002**

Question 3

Question Id : 29

Which of the following suture material is having longest half life?

Answer :

(A) Catgut

(B) Vicryl

(C) PDS

Option Id

29001

29002

29003

(D) Prolene

29004

**Right Answer :**

Prolene

**Right Option Id : 29004**

**Question 4**

**Question Id : 30**

Grey colour injection port cap of I.V cannula represents which of the following?

Answer :

(A) 14 G

Option Id

30001

(B) 16 G

30002

(C) 18 G

30003

(D) 20 G

30004

**Right Answer :**

16 G

**Right Option Id : 30002**

**Question 5**

**Question Id : 31**

Which of the following vein is not used for peripheral cannulation?

Answer :

(A) Cubital vein

Option Id

31001

(B) Saphenous vein

31002

(C) External jugular vein

31003

(D) Subclavian vein

31004

**Right Answer :**

Subclavian vein

**Right Option Id : 31004**

**Question 6**

**Question Id : 32**

Which of the following is the preferred technique for part preparation before surgery?

Answer :

(A) Shaving

Option Id

32001

(B) Trimming

32002

(C) Waxing

32003

(D) None of the given options

32004

**Right Answer :**

Trimming

**Right Option Id : 32002**

**Question 7**

**Question Id : 33**

Antibiotic prophylaxis in surgical patients is recommended at ?

Answer :

Option Id

(A) One hour before incision

33001

(B) 6 hours before surgery

33002

(C) 12 hours before surgery

33003

(D) During surgery

33004

**Right Answer :**

One hour before incision

**Right Option Id : 33001**

**Question 8**

**Question Id : 34**

Surgical specimen for frozen section examination should be sent in which solution ?

Answer :

Option Id

(A) Without any preservative solution

34001

(B) Formalin

34002

(C) Normal saline

34003

(D) Chlorhexidine

34004

**Right Answer :**

Without any preservative solution

**Right Option Id : 34001**

**Question 9**

**Question Id : 35**

During laparoscopic surgery intraabdominal pressure should be kept at what value?

Answer :

Option Id

(A) <10 mm of Hg

35001

(B) 10 -15 mm of Hg

35002

(C) 15-20 mm of Hg

35003

(D) > 20 mm of Hg

**Right Answer :**

10 -15 mm of Hg

**Right Option Id : 35002**

**Question 10**

**Question Id : 36**

Succinyl choline is not given to ?

Answer :

(A) Difficult airway cases

(B) Obese patients

(C) Burn patients

(D) Obstetrics patients

Option Id

36001

36002

36003

36004

**Right Answer :**

Burn patients

**Right Option Id : 36003**

**Question 11**

**Question Id : 37**

Which of the following is not a part of WHO surgical safety check list ?

Answer :

(A) Sign in

(B) Sign out

(C) Time in

(D) Time out

Option Id

37001

37002

37003

37004

**Right Answer :**

Time in

**Right Option Id : 37003**

**Question 12**

**Question Id : 38**

Which of the following disposable bag is used for the infectious body waste disposal ?

Answer :

(A) Red

(B) Green

(C) Yellow

(D) Black

Option Id

38001

38002

38003

**Right Answer :**

Yellow

**Right Option Id : 38003**

**Question 13**

**Question Id : 39**

Which of the following solution is used for fumigation of operation theatres ?

Answer :

(A) 10% formaldehyde

(B) 20% formaldehyde

(C) 40% formaldehyde

(D) 50 % formaldehyde

Option Id

39001

39002

39003

39004

**Right Answer :**

40% formaldehyde

**Right Option Id : 39003**

**Question 14**

**Question Id : 40**

Abdominoperineal Resection (APR) is performed in which position ?

Answer :

(A) Trendelenburg

(B) Reverse Trendelenburg

(C) Lithotomy

(D) Lateral position

Option Id

40001

40002

40003

40004

**Right Answer :**

Lithotomy

**Right Option Id : 40003**

**Question 15**

**Question Id : 41**

Sim's speculum is used for ?

Answer :

(A) Anal examination

(B) Oral examination

(C) Vaginal examination

(D) Ear examination

Option Id

41001

41002

41003

**Right Answer :**

Vaginal examination

**Right Option Id : 41003**

**Question 16**

**Question Id : 42**

Most common technique of breast lump biopsy is ?

Answer :

(A) Incisional biopsy

(B) Excisional biopsy

(C) Core biopsy

(D) Punch biopsy

Option Id

42001

42002

42003

42004

**Right Answer :**

Core biopsy

**Right Option Id : 42003**

**Question 17**

**Question Id : 43**

Ideally, a major surgery should be performed when INR is ?

Answer :

(A) Less than 1

(B) In-between 1- 1.5

(C) More than 2

(D) In-between 1.5- 2.0

Option Id

43001

43002

43003

43004

**Right Answer :**

In-between 1- 1.5

**Right Option Id : 43002**

**Question 18**

**Question Id : 44**

Ringer lactate is contraindicated in patients with ?

Answer :

(A) Pediatric Patients

(B) Obstetric patients

(C) Head injury patients

(D) Geriatric patients

Option Id

44001

44002

44003

**Right Answer :**

Head injury patients

**Right Option Id : 44003**

**Question 19**

**Question Id : 45**

Which of the following process does not kill bacterial spores?

Answer :

(A) Hot air sterilization

(B) Incineration

(C) Pasteurization

(D) Autoclave

Option Id

45001

45002

45003

45004

**Right Answer :**

Pasteurization

**Right Option Id : 45003**

**Question 20**

**Question Id : 46**

Sitz bath consists of which of the following substance?

Answer :

(A) Patient bathed in normal saline

(B) Bathed in molten wax

(C) Sits in basin containing warm antiseptic lotion

(D) Sits in basin containing molten wax

Option Id

46001

46002

46003

46004

**Right Answer :**

Sits in basin containing warm antiseptic lotion

**Right Option Id : 46003**

**Question 21**

**Question Id : 47**

Sterilized packs are most likely to become contaminated after how much duration?

Answer :

(A) After 30 days

(B) After 60 days

(C) Within the first hour of sterilization

(D) Within the first day of sterilization

Option Id

47001

47002

47003

**Right Answer :**

Within the first hour of sterilization

**Right Option Id : 47002**

**Question 22**

**Question Id : 48**

Which of the following is the ideal time for the removal of scalp suture?

Answer :

- (A) 3 days
- (B) 5 days
- (C) 7 days
- (D) 10 days

Option Id

- 48001
- 48002
- 48003
- 48004

**Right Answer :**

10 days

**Right Option Id : 48004**

**Question 23**

**Question Id : 27**

Which of the following is a delayed absorbable synthetic suture material ?

Answer :

- (A) Chromic catgut
- (B) Vicryl
- (C) silk
- (D) Nylon

Option Id

- 27001
- 27002
- 27003
- 27004

**Right Answer :**

Vicryl

**Right Option Id : 27002**

**Question 24**

**Question Id : 25**

Collection of extravasated blood trapped in the tissues or in an organ resulting from incomplete hemostasis after surgery or injury

Answer :

- (A) Cellulitis
- (B) Evisceration
- (C) Extravasation
- (D) Hematoma

Option Id

- 25001
- 25002
- 25003
- 25004



**Right Answer :**

Hematoma

**Right Option Id : 25004**

**Question 25**

**Question Id : 2**

When changing a sterile dry dressing, which of the following is a proper way of cleaning a wound?

Answer :

- |  | Option Id                  |
|--|----------------------------|
| (A) Cleanse wound and surrounding area with regular swab, starting from incision and moving outward, using one stroke per swab     | <input type="radio"/> 2001 |
| (B) Cleanse wound and surrounding area with antiseptic swab, starting from incision and moving outward, using one stroke per swab. | <input type="radio"/> 2002 |
| (C) Cleanse wound and surrounding area with alcohol, starting from incision and moving outward                                     | <input type="radio"/> 2003 |
| (D) Cleanse wound and surrounding area with antiseptic swab, starting from the edges of the wound towards the incision             | <input type="radio"/> 2004 |

**Right Answer :**

Cleanse wound and surrounding area with regular swab, starting from incision and moving outward, using one stroke per swab

**Right Option Id : 2001**

**Question 26**

**Question Id : 24**

How often should theatre lights be cleaned?

Answer :

- |                      | Option Id                   |
|----------------------|-----------------------------|
| (A) Daily            | <input type="radio"/> 24001 |
| (B) Between patients | <input type="radio"/> 24002 |
| (C) Weekly           | <input type="radio"/> 24003 |
| (D) Monthly          | <input type="radio"/> 24004 |

**Right Answer :**

Monthly

**Right Option Id : 24004**

**Question 27**

**Question Id : 3**

Window dressing is ?

Answer :

- |   | Option Id                  |
|---|----------------------------|
| (A) A dressing through a gap made on a plaster                      | <input type="radio"/> 3001 |
| (B) Interval dressing for burns wound                               | <input type="radio"/> 3002 |
| (C) In absence of light, when dressing done by the side of a window | <input type="radio"/> 3003 |
| (D) clean dressing with a gap in lower end for drainage of fluids   | <input type="radio"/> 3004 |

**Right Answer :**

A dressing through a gap made on a plaster

**Right Option Id : 3001**

**Question 28**

**Question Id : 4**

Which of the following is most effective for sterilizing OT gown and blunt instrument. ?

Answer :

(A) Chlorine

(B) Ethylene oxide

(C) Autoclave

(D) Glutaraldehyde

Option Id

4001

4002

4003

4004

**Right Answer :**

Autoclave

**Right Option Id : 4003**

**Question 29**

**Question Id : 5**

Which of the following is NOT true about surgical needles ?

Answer :

(A) Blunt needles & Sharp needles

(B) Round bodied & Cutting

(C) Reverse cutting

(D) Metallic or Synthetic

Option Id

5001

5002

5003

5004

**Right Answer :**

Metallic or Synthetic

**Right Option Id : 5004**

**Question 30**

**Question Id : 6**

Wound healing is worst at ?

Answer :

(A) Neck

(B) Eye lid

(C) Lips

(D) Sternum

Option Id

6001

6002

6003

6004

**Right Answer :**

Sternum

**Right Option Id : 6004**

**Question 31**

**Question Id : 7**

Most common benign soft tissue tumor is ?

Answer :

(A) Lipoma

(B) Fibroma

(C) Hamartoma

(D) Leiomyoma

Option Id

7001

7002

7003

7004

**Right Answer :**

Lipoma

**Right Option Id : 7001**

**Question 32**

**Question Id : 8**

COMMANDO operation done for ?

Answer :

(A) Oral cancer

(B) Brain tumor

(C) Bone tumor

(D) Abdominal cancer

Option Id

8001

8002

8003

8004

**Right Answer :**

Oral cancer

**Right Option Id : 8001**

**Question 33**

**Question Id : 9**

Most common blood group is ?

Answer :

(A) B+

(B) A+

(C) O+

(D) AB+

Option Id

9001

9002

9003

9004

**Right Answer :**

O+

**Right Option Id : 9003**

**Question 34**

**Question Id : 10**

Who introduced catgut suture in surgery ?

Answer :

(A) Astley Cooper

(B) Lord Lister

(C) Syme

(D) John Hunter

Option Id

10001

10002

10003

10004

**Right Answer :**

John Hunter

**Right Option Id : 10004**

**Question 35**

**Question Id : 11**

Wertheim's surgery in cancer done for?

Answer :

(A) Cervix cancer

(B) Endometrial cancer

(C) Ovarian cancer

(D) Vulval cancer

Option Id

11001

11002

11003

11004

**Right Answer :**

Cervix cancer

**Right Option Id : 11001**

**Question 36**

**Question Id : 12**

An example of ball and socket joint is ?

Answer :

(A) Elbow

(B) Shoulder

(C) Knee

(D) Ankle

Option Id

12001

12002

12003

12004

**Right Answer :**

Shoulder

**Right Option Id : 12002**

**Question 37**

**Question Id : 13**

What is position of camera assistant in laparoscopic cholecystectomy ?

Answer :

(A) Right side of patient

Option Id

13001

(B) Left side of patient

13002

(C) Head end of patient

13003

(D) In-between legs

13004

**Right Answer :**

Left side of patient

**Right Option Id : 13002**

**Question 38**

**Question Id : 14**

The most commonly used blade for intraoral incisions is ?

Answer :

(A) Blade no.10

Option Id

14001

(B) Blade no.11

14002

(C) Blade no.12

14003

(D) Blade no.15

14004

**Right Answer :**

Blade no.15

**Right Option Id : 14004**

**Question 39**

**Question Id : 15**

Most common site to take split thickness skin graft is ?

Answer :

(A) Thigh

Option Id

15001

(B) Inguinal crease

15002

(C) Back

15003

(D) Forearm

15004

**Right Answer :**

Thigh

**Right Option Id : 15001**

**Question 40**

**Question Id : 16**

Bookwalter retractor system used in ?

Answer :

(A) Abdominal surgery

(B) Neurosurgery

(C) Head and neck surgery

(D) Bone surgery

Option Id

16001

16002

16003

16004

**Right Answer :**

Abdominal surgery

**Right Option Id : 16001**

**Question 41**

**Question Id : 17**

Pressure inside a full oxygen cylinder and full nitrous oxide cylinder is.....respectively?

Answer :

(A) 2200 and 1000 psig

(B) 1000 and 2000 psig

(C) 2000 and 750 psig

(D) 1000 and 600 psig

Option Id

17001

17002

17003

17004

**Right Answer :**

2000 and 750 psig

**Right Option Id : 17003**

**Question 42**

**Question Id : 18**

AMBU stands for ?

Answer :

(A) Anesthesia machine breathing unit

(B) Artificial mandatory breathing unit

(C) Automated machine breathing unit

(D) Artificial manual breathing unit

Option Id

18001

18002

18003

18004

**Right Answer :**

Artificial manual breathing unit

**Right Option Id : 18004**

**Question 43**

**Question Id : 19**

PIN index safety system used in anesthesia machine –

Answer :

(A) To attach any gas cylinder in any yoke assembly

(B) To release cylinder when needed

(C) To hold cylinder securely

(D) To prevent incorrect cylinder attachment

Option Id

19001

19002

19003

19004

**Right Answer :**

To prevent incorrect cylinder attachment

**Right Option Id : 19004**

**Question 44**

**Question Id : 20**

Mannitol is given in head injury patient to –

Answer :

(A) To reduce intracranial pressure

(B) To increase urine output

(C) To stop bleeding

(D) For protection of brain and spinal cord

Option Id

20001

20002

20003

20004

**Right Answer :**

To reduce intracranial pressure

**Right Option Id : 20001**

**Question 45**

**Question Id : 21**

Cidex has which component ?

Answer :

(A) 10% povidone iodine

(B) 2% glutaraldehyde

(C) 4% sodium hypochlorite

(D) 2% bleaching powder

Option Id

21001

21002

21003

21004

**Right Answer :**  
2% glutaraldehyde

**Right Option Id : 21002**

**Question 46**

**Question Id : 22**

Protamine sulphate is antidote of ?

Answer :

- (A) Insulin
- (B) Heparin
- (C) Aspirin
- (D) Thrombin

Option Id

22001

22002

22003

22004

**Right Answer :**  
Heparin

**Right Option Id : 22002**

**Question 47**

**Question Id : 23**

Appropriate negative pressure in suction machine is ?

Answer :

- (A) 50 – 100 mmHg
- (B) 200 – 300 mmHg
- (C) 400 – 700 mmHg
- (D) 1000 – 1200 mmHg

Option Id

23001

23002

23003

23004

**Right Answer :**  
50 – 100 mmHg

**Right Option Id : 23001**

**Question 48**

**Question Id : 49**

Temperature of operating room should be ?

Answer :

- (A) 10 – 15 degree Centigrade
- (B) 15– 20 degree Centigrade
- (C) 20 – 25 degree Centigrade
- (D) 25 – 30 degree Centigrade

Option Id

49001

49002

49003

49004



**Right Answer :**

20 – 25 degree Centigrade

**Right Option Id : 49003**

**Question 49**

**Question Id : 26**

Which of the following is NOT a contraindication of giving spinal anesthesia –

Answer :

(A) Head injury

(B) Coagulopathy

(C) Patient refusal

(D) Old age

Option Id

26001

26002

26003

26004

**Right Answer :**

Old age

**Right Option Id : 26004**

**Question 50**

**Question Id : 50**

Pin index for Nitrous oxide/ Air/ Oxygen is.....respectively?

Answer :

(A) 1,5 / 2,5 / 3,5 respectively

(B) 2,5 / 3,5 / 1,5 respectively

(C) 3,5 / 1,5 / 2,5 respectively

(D) 4,5 / 1,5 / 2,5 respectively

Option Id

50001

50002

50003

50004

**Right Answer :**

3,5 / 1,5 / 2,5 respectively

**Right Option Id : 50003**

**Question 51**

**Question Id : 51**

With respect to anesthesia, full form of PCA is

Answer :

(A) Personal comfort analgesia

(B) Patient comfort analgesia

(C) Patient controlled analgesia

(D) Patient controlled anesthesia

Option Id

51001

51002

51003

51004

**Right Answer :**

Patient controlled analgesia

## Question 52

Question Id : 52

Capnography monitor is a device that measures

Answer :

(A) Concentration of inhaled carbon dioxide

(B) Concentration of exhaled oxygen

(C) Concentration of exhaled carbon dioxide

(D) Concentration of exhaled nitrous

Option Id

 52001 52002 52003 52004**Right Answer :**

Concentration of exhaled carbon dioxide

**Right Option Id : 52003**

## Question 53

Question Id : 53

Glasgow Coma Scale has all except

Answer :

(A) Verbal response

(B) Motor response

(C) Sensory response

(D) Eye opening response

Option Id

 53001 53002 53003 53004**Right Answer :**

Sensory response

**Right Option Id : 53003**

## Question 54

Question Id : 54

The ideal method of opening the airway of a patient in cardiac arrest who is suspected to have cervical spine injury

Answer :

(A) Head tilt, Chin lift

(B) Jaw thrust

(C) Abdominal thrust

(D) Finger sweep

Option Id

 54001 54002 54003 54004**Right Answer :**

Jaw thrust

## Question 55

Question Id : 55

Tiny air sacs in the lungs are called

Answer :

(A) Bronchus

(B) Bronchioles

(C) Alveoli

(D) Glottis

Option Id

 55001 55002 55003 55004**Right Answer :**

Alveoli

**Right Option Id : 55003**

## Question 56

Question Id : 56

Non-invasive method of estimating arterial oxygen

Answer :

(A) ABG analysis

(B) Pulse oxymetry

(C) Blood examination

(D) Pulmonary function test

Option Id

 56001 56002 56003 56004**Right Answer :**

Pulse oxymetry

**Right Option Id : 56002**

## Question 57

Question Id : 57

Which of the following is NOT true regarding pulse oximeter?

Answer :

(A) It is used to measure saturation in blood

(B) It is used to measure saturation of all the gases in the blood

(C) Sensor probe can be clipped on the finger, toe or earlobe

(D) It is a very sensitive monitor

Option Id

 57001 57002 57003 57004**Right Answer :**

It is used to measure saturation of all the gases in the blood

**Question 58****Question Id : 58**

What should be rate of compressions per minute while providing chest compressions in CPR?

Answer :

(A) 100-120 per minute

(B) 80-100 per minute

(C) 120-140 per minute

(D) 60-80 per minute

Option Id

 58001 58002 58003 58004**Right Answer :**

100-120 per minute

**Right Option Id : 58001****Question 59****Question Id : 59**

What will be the pulse pressure for a blood pressure reading of 130/80 mmHg ?

Answer :

(A) 80 mmHg

(B) 50 mmHg

(C) 210 mmHg

(D) 130 mmHg

Option Id

 59001 59002 59003 59004**Right Answer :**

50 mmHg

**Right Option Id : 59002****Question 60****Question Id : 60**

World Anesthesia Day is celebrated on

Answer :

(A) November- 26

(B) October- 26

(C) October - 16

(D) November - 16

Option Id

 60001 60002 60003 60004**Right Answer :**

October - 16

## General English

## Question 61

Question Id : 70

What is the antonym for "Cloudy"?

Answer :

- (A) Dull
- (B) Foggy
- (C) Clean
- (D) Murky

Option Id

 70001 70002 70003 70004**Right Answer :**

Clean

**Right Option Id : 70003**

## Question 62

Question Id : 69

What is the antonym for "Freedom"?

Answer :

- (A) Abandon
- (B) Exemption
- (C) Restraint
- (D) Privilege

Option Id

 69001 69002 69003 69004**Right Answer :**

Restraint

**Right Option Id : 69003**

## Question 63

Question Id : 66

What is the synonym of "Abolish "?

Answer :

- (A) Create
- (B) Make
- (C) Destroy
- (D) Continue

Option Id

 66001 66002 66003 66004

**Right Answer :**

Destroy

**Right Option Id : 66003**

**Question 64**

**Question Id : 68**

A communication technique that requires the listener to feedback what they have heard in their own words, to confirm the understanding of both parties, is.....listening.

Answer :

- |                  | Option Id                   |
|------------------|-----------------------------|
| (A) passive      | <input type="radio"/> 68001 |
| (B) active       | <input type="radio"/> 68002 |
| (C) appreciative | <input type="radio"/> 68003 |
| (D) informatice  | <input type="radio"/> 68004 |

**Right Answer :**

appreciative

**Right Option Id : 68003**

**Question 65**

**Question Id : 67**

I said to him, "Let us go to school." I told him

Answer :

- |                                 | Option Id                   |
|---------------------------------|-----------------------------|
| (A) We would go to school       | <input type="radio"/> 67001 |
| (B) We shall go to school       | <input type="radio"/> 67002 |
| (C) That we would go to school. | <input type="radio"/> 67003 |
| (D) That we should go to school | <input type="radio"/> 67004 |

**Right Answer :**

That we should go to school

**Right Option Id : 67004**

**Question 66**

**Question Id : 61**

Choose one word for the following expression.

"At sixes and sevens"

Answer :

- |                   | Option Id                   |
|-------------------|-----------------------------|
| (A) Scattered     | <input type="radio"/> 61001 |
| (B) Under Control | <input type="radio"/> 61002 |
| (C) Foul or fair  | <input type="radio"/> 61003 |
| (D) To apologise  | <input type="radio"/> 61004 |

**Right Answer :**

Scattered

**Right Option Id : 61001**

**Question 67**

**Question Id : 65**

Read the following passage and answer the questions that follow.

The Great Wall Of China, Often referred to as the "Long Wall ", is a series of fortifications made of stone , brick, tamped earth, wood, and other materials. It stretches across northern China , covering approximately 13,000 miles ( 21,000 kilometres). The construction of the wall began over 2,000 years ago during the Qin Dynasty (221-206 BCE) and continued through subsequent dynasties. Its primary purpose was to protect China from invasions by nomadic tribes from the north.

Question : What materials were used in the construction of the Great Wall of China ?

Answer :

(A) Only Stone

Option Id

65001

(B) Stone, Brick, Tamped earth, wood and other materials

65002

(C) Only wood

65003

(D) Only brick

65004

**Right Answer :**

Stone, Brick, Tamped earth, wood and other materials

**Right Option Id : 65002**

**Question 68**

**Question Id : 64**

Read the following passage and answer the questions that follow.

The Great Wall Of China, Often referred to as the "Long Wall ", is a series of fortifications made of stone , brick, tamped earth, wood, and other materials. It stretches across northern China , covering approximately 13,000 miles ( 21,000 kilometres). The construction of the wall began over 2,000 years ago during the Qin Dynasty (221-206 BCE) and continued through subsequent dynasties. Its primary purpose was to protect China from Invasions by nomadic tribes from the north.

Question : How long is the Great Wall of China ?

Answer :

(A) 5,000 miles

Option Id

64001

(B) 10,000 miles

64002

(C) 13,000 miles

64003

(D) 20,000 miles

64004

**Right Answer :**

13,000 miles

**Right Option Id : 64003**

**Question 69**

**Question Id : 63**

Read the following passage and answer the questions that follow.

The Great Wall Of China, Often referred to as the "Long Wall ", is a series of fortifications made of stone , brick, tamped earth, wood, and other materials. It stretches across northern China , covering approximately 13,000 miles ( 21,000 kilometres). The construction of the wall began over 2,000 years ago during the Qin Dynasty (221-206 BCE) and continued through subsequent dynasties. Its primary purpose was to protect China from Invasions by nomadic tribes from the north.

Question : When did the construction of the Great Wall begin ?

Answer :

(A) During ming Dynasty

(B) During the Qin Dynasty

(C) During the Han Dynasty

(D) During the Tang Dynasty

Option Id

63001

63002

63003

63004

**Right Answer :**

During the Qin Dynasty

**Right Option Id : 63002**

### Question 70

Question Id : 62

Read the following passage and answer the questions that follow.

The Great Wall Of China, Often referred to as the "Long Wall ", is a series of fortifications made of stone , brick, tamped earth, wood, and other materials. It stretches across northern China , covering approximately 13,000 miles ( 21,000 kilometres). The construction of the wall began over 2,000 years ago during the Qin Dynasty (221-206 BCE) and continued through subsequent dynasties. Its primary purpose was to protect China from Invasions by nomadic tribes from the north.

Question : What was the primary purpose of the Great Wall Of China ?

Answer :

(A) To serve as a trade route

(B) To protect China from Invasions

(C) To showcase architectural brilliance

(D) To connect cities

Option Id

62001

62002

62003

62004

**Right Answer :**

To protect China from Invasions

**Right Option Id : 62002**

## General Knowledge

### Question 71

Question Id : 80

The following is the name of the instrument used to record earthquake waves:

Answer :

(A) Seismograph

(B) Seismogram

(C) Seismometer

(D) Scintillometer

Option Id

80001

80002

80003

80004



**Right Answer :**

Seismograph

**Right Option Id : 80001**

**Question 72**

**Question Id : 77**

Who is known as the Father of Indian Cinema"?

Answer :

(A) V. Santaram

Option Id

77001

(B) Prithviraj Kapoor

77002

(C) Satyajit Ray

77003

(D) Dadasaheb Phalke

77004

**Right Answer :**

Dadasaheb Phalke

**Right Option Id : 77004**

**Question 73**

**Question Id : 79**

In which of the following processes do earthworms decompose biodegradable solid waste?

Answer :

(A) Manure

Option Id

79001

(B) Landfill

79002

(C) Cutting

79003

(D) Vermicompost

79004

**Right Answer :**

Vermicompost

**Right Option Id : 79004**

**Question 74**

**Question Id : 78**

When was International Yoga Day first celebrated in India?

Answer :

(A) June 21, 2012

Option Id

78001

(B) June 21, 2015

78002

(C) June 21, 2013

78003

(D) June 21, 2014

78004

**Right Answer :**

June 21, 2015

**Right Option Id : 78002**

**Question 75**

**Question Id : 76**

Which civilization is the oldest in the world?

Answer :

(A) Egyptian civilization

(B) Mesopotamian Civilization

(C) Chinese Civilization

(D) Indus Valley Civilization

Option Id

76001

76002

76003

76004

**Right Answer :**

Mesopotamian Civilization

**Right Option Id : 76002**

**Question 76**

**Question Id : 71**

Which state has the largest area under wasteland ?

Answer :

(A) Rajasthan

(B) Madhya Pradesh

(C) Uttar Pradesh

(D) Bihar

Option Id

71001

71002

71003

71004

**Right Answer :**

Rajasthan

**Right Option Id : 71001**

**Question 77**

**Question Id : 75**

What is the name of the holy river flowing near Ayodhya?

Answer :

(A) The river Ganga or Gange

(B) Narmada

(C) Saryu

(D) Yamuna

Option Id

75001

75002

75003

75004

**Right Answer :**

Saryu

## Question 78

Question Id : 74

What was the mission life of Chandrayaan-3's lander and rover? \_\_\_\_?

Answer :

(A) 1 Lunar Week

(B) 1 Lunar month

(C) 1 Lunar Day

(D) 1 Lunar year

Option Id

 74001 74002 74003 74004**Right Answer :**

1 Lunar Day

**Right Option Id : 74003**

## Question 79

Question Id : 73

The first case of the novel coronavirus was identified in \_\_\_\_?

Answer :

(A) Beijing

(B) Shanghai

(C) Wuhan, Hubei

(D) Tianjin

Option Id

 73001 73002 73003 73004**Right Answer :**

Wuhan, Hubei

**Right Option Id : 73003**

## Question 80

Question Id : 72

Who is the second Lieutenant Governor of the Union Territory of Jammu and Kashmir?

Answer :

(A) Girish Chandra Murmu

(B) Manoj Sinha

(C) Pramod Sawant

(D) M.K. Stalin

Option Id

 72001 72002 72003 72004**Right Answer :**

Manoj Sinha

## Reasoning

## Question 81

Question Id : 90

Complete the series 165,195,255,285,345....?

Answer :

(A) 390

(B) 420

(C) 435

(D) 375

Option Id

 90001 90002 90003 90004**Right Answer :**

375

**Right Option Id : 90004**

## Question 82

Question Id : 89

Complete the series 6,13,28,59,?, 249

Answer :

(A) 122

(B) 276

(C) 235

(D) 56

Option Id

 89001 89002 89003 89004**Right Answer :**

122

**Right Option Id : 89001**

## Question 83

Question Id : 88

In a certain code TREE is written as UQFD how is LEAF written in that code?

Answer :

(A) MFBG

(B) KDZE

(C) MDBE

(D) MBZE

Option Id

 88001 88002 88003 88004

**Right Answer :**

MDBE

**Right Option Id : 88003**

**Question 84**

**Question Id : 87**

What comes next in the following series? 9W8V7U6T...

Answer :

(A) X

(B) S

(C) 6

(D) 5

Option Id

87001

87002

87003

87004

**Right Answer :**

5

**Right Option Id : 87004**

**Question 85**

**Question Id : 86**

From a certain point Kirti walks 70 m towards the south, then she turns to her right and starts walking straight for another 70 m. then again turning to her left she walks for 60m. she then turns to her left and walks for 70m. How far is she from the starting point ?

Answer :

(A) 120m

(B) 10m

(C) 130m

(D) 140m

Option Id

86001

86002

86003

86004

**Right Answer :**

130m

**Right Option Id : 86003**

**Question 86**

**Question Id : 85**

Which word does not belong to the others?

Answer :

(A) Whale

(B) Snake

(C) Duck

(D) Tortoise

Option Id

85001

85002

85003

85004

**Right Answer :**

Whale

**Right Option Id : 85001**

**Question 87**

**Question Id : 84**

Based on the alphanumeric series given below, answer the following question

D R 7 3 N H \* A 4 N J # 5 N % U 5 M P + 2 D T \$ E 3 K R @ 2

What is the 3rd element from the left of the 6th element from the left ?

Answer :

(A) +

(B) D

(C) 7

(D) \*

Option Id

84001

84002

84003

84004

**Right Answer :**

7

**Right Option Id : 84003**

**Question 88**

**Question Id : 83**

In a certain code ARMY is written as ASOB how is JUDGE written in that code?

Answer :

(A) KVEHF

(B) JVFJI

(C) IDFC D

(D) JWKG H

Option Id

83001

83002

83003

83004

**Right Answer :**

JVFJI

**Right Option Id : 83002**

**Question 89**

**Question Id : 82**

A woman introduces a man as the son of the brother of her mother. How is the man related to the woman?

Answer :

(A) Nephew

(B) Son

(C) Cousin

(D) Uncle to Grandson

Option Id

82001

82002

82003

**Right Answer :**

Cousin

**Question 90**

**Question Id : 81**

If CURRENCY is coded as DTSQFMDX then how will MONEY be coded?

Answer :

- (A) NNODZ
- (B) NPOFZ
- (C) LNMDX
- (D) NPMFZ

Option Id

81001

81002

81003

81004

**Right Answer :**

NNODZ

**Right Option Id : 81001**

**Mathematical Aptitude**

**Question 91**

**Question Id : 99**

What is Multiplicative inverse of -7?

Answer :

- (A) 7
- (B) 1/7
- (C) -1/7
- (D) -14

Option Id

99001

99002

99003

99004

**Right Answer :**

-1/7

**Right Option Id : 99003**

**Question 92**

**Question Id : 98**

Find the value of x in this equation  $(x-7) / 3 = (x-1) / 5$ ?

Answer :

- (A) 18
- (B) 40
- (C) 28
- (D) 16

Option Id

98001

98002

98003

**Right Answer :**

16

**Right Option Id : 98004**

**Question 93**

**Question Id : 97**

In a quadrilateral ABCD, the measure of the three angles A, B and C of the quadrilateral is  $110^\circ$ ,  $70^\circ$  and  $80^\circ$  respectively. Find the measure of the fourth angle

Answer :

(A)  $130^\circ$

(B)  $120^\circ$

(C)  $100^\circ$

(D)  $90^\circ$

Option Id

97001

97002

97003

97004

**Right Answer :**

$100^\circ$

**Right Option Id : 97003**

**Question 94**

**Question Id : 96**

Keshav has Rs. 200 with her, and she spent 80% from the amount she had. Calculate the money left with her.

Answer :

(A) Rs. 20

(B) Rs. 10

(C) Rs. 40

(D) Rs. 30

Option Id

96001

96002

96003

96004

**Right Answer :**

Rs. 40

**Right Option Id : 96003**

**Question 95**

**Question Id : 91**

Krishna goes shopping and spends 75% of his money. If he is now left with Rs. 600, find out how much he had in the beginning.

Answer :

(A) 3600

(B) 3200

(C) 3000

(D) 2400

Option Id

91001

91002

91003



**Right Answer :**

2400

**Right Option Id : 91004**

**Question 96**

**Question Id : 94**

Find the number of solutions of the following pair of linear equations  $x+2y-8=0$  and  $2x+4y= 16$  :

Answer :

(A) 0

(B) 1

(C) 2

(D) INFINITE

Option Id

94001

94002

94003

94004

**Right Answer :**

INFINITE

**Right Option Id : 94004**

**Question 97**

**Question Id : 93**

In equation,  $y=mx+c$ , m is:

Answer :

(A) Intercept

(B) Slope

(C) Solution of the equation

(D) None of the given options

Option Id

93001

93002

93003

93004

**Right Answer :**

Slope

**Right Option Id : 93002**

**Question 98**

**Question Id : 92**

State the lines of symmetry for equilateral triangle

Answer :

(A) 1

(B) 2

(C) 3

(D) 4

Option Id

92001

92002

92003

**Right Answer :**

3

**Right Option Id : 92003**

**Question 99**

**Question Id : 95**

When the sum of the measures of two angles is  $90^\circ$ , the angles are called?

Answer :

(A) Adjacent angles

(B) Complimentary angles

(C) Vertically opposite angles

(D) Supplementary angles

Option Id

95001

95002

95003

95004

**Right Answer :**

Complimentary angles

**Right Option Id : 95002**

**Question 100**

**Question Id : 100**

How many faces does a cube have?

Answer :

(A) 6

(B) 3

(C) 4

(D) 2

Option Id

100001

100002

100003

100004

**Right Answer :**

6

**Right Option Id : 100001**