

1. Gandhiji's Champaran Movement was for _____.
(A) The security of rights of Harijans (B) Civil Disobedience Movement
(C) Maintaining the unity of Hindu Society (D) Solving the problem of Indigo Workers
2. Sea breeze occurs at/in _____ and Land Breeze at/in _____.
(a) Midnight/ Midnight (B) Day/Night
(C) Night/ Day (D) Noon/Midnight
3. Which of the following is called the master gland?
(a) Thyroid gland (B) Adrenal gland
(C) Endocrine gland (D) Pituitary gland
4. Bile juice that is stored in a sac called
(a) Stomach (B) Mouth
(C) Gall bladder (D) Pancreas
5. Who gave Vallabh Bhai Patel the title of Sardar?
(a) C. Rajagoplachar (B) M.K. Gandhi
(C) J.L. Nehru (D) None of these
6. Under which one of the following Articles, the procedure for removal of the President of India through the process of impeachment has been laid down?
(a) Article 53 (B) Article 61
(C) Article 74 (D) Article 13
7. Who can initiate impeachment proceedings against the President of India?
(a) Prime Minister (B) Either House of Parliament
(C) Vice-President (D) Chief Justice of India

8. Article 370 concerning special powers related to Jammu and Kashmir has been a contentious topic in modern Indian history. Which of the given statements about article 370 is false?
- (a) Article 370 can be revoked unilaterally
 - (B) The name and boundary of the state cannot be altered without the concurrence of its legislature
 - (C) National emergency on the grounds of 'internal disturbance' is not applicable to Jammu and Kashmir without the state's concurrence
 - (D) Jammu and Kashmir is not the only state to which special provisions have been applied constitutionally
9. The longest river of peninsular India is _____
- (a) Narmada
 - (B) Godavari
 - (C) Mahanadi
 - (D) Cauvery
10. Which article of Indian Constitution stipulates about the Vacancy in the President's Office ?
- (A). Article 65
 - (B). Article 62
 - (C). Article 61
 - (D). Article 74
11. Bubbles of air rise up through liquids due to:
- (A). Surface tension and adherence
 - (B). viscosity and buoyancy.
 - (C). air current over the liquid and buoyancy
 - (D). Up thrust and surface tension.
12. The first Nobel prize winner of India.
- (A). Rabindranath Tagore
 - (B). Dr. Amartya Sen
 - (C). Dr. C V Raman
 - (D). Mother Teresa
13. Todar Mal was minister for which department in Akbar's reign?
- (A). Agriculture
 - (B). Finance
 - (C). Security
 - (D). Prime Minister
14. Who was awarded the first Rajiv Gandhi National Sabdhavan Diwas award
- (A). Mother Teresa
 - (B). J.R.D Tata
 - (C). Acharya Tulsi
 - (D). Dr. Pensgaswamy

15. Who invented the Printed Press?
- (A). Steven Sasson (B). Narinder Singh Kapany
(C). Johannes Gutenberg (D). J L Baird
16. The famous 'Shahi litchi' got the Geographical Indication (GI) tag. Shahi litchi belongs to which state?
- (A). Haryana (B). Maharashtra
(C). Bihar (D). Assam
(E). Uttar Pradesh
17. Prime Minister Narendra Modi unveiled 64-Foot tall statue of Deenbandhu Sir Chhotu Ram (messiah of farmers) at ____.
- (A). Anjar, Gujarat (B). Chatra, Jharkhand
(C). Sampla, Haryana (D). Faridkot, Punjab
(E). Faizabad, Uttar Pradesh
18. Who has won the Nobel Peace Prize for 2018?
- (A). Kailash Satyarthi Juan Manuel Santos & Henry Dunant
(B). Kailash Satyarthi & Malala Yousefzai
(C). Nadia Murad and Denis Mukwege
(D). Jean-Pierre Sauvage & David J. Thouless
(E). Juan Manuel Santos & Bernard L. Feringa
19. Which of the following country has lifted the under-19 Asia Cup title 2018?
- (A). Sri Lanka (B). Bangladesh
(C). India (D). Nepal
(E). Afghanistan
20. Who has won the 2018 Nobel Prize in Chemistry?
- (A). Frances H. Arnold, George P. Smith and sir Gregory P. Winter
(B). Jeffrey C. Hall, Michael Rosbash and Michael W. Young
(C). Arthur Ashkin, Gerard Mourou and Donna Strickland

(D). Rainer Weiss, Barry C Barish and Kip S. Thorne

(E). Joachim Frank, Richard Henderson and Jacques Dubochet

21. Who translated the Tuzuk-i-Babri or Babarnama into Persian language ?

(A). Amir Khusro

(B). Humayun

(C). Abdul Rahim Khan-i-Khana

(D). Akbar

22. Which of the following protein is found in hair?

(A). Histone

(B). Keratin

(C). Elastin

(D). Actin

23. What is the process of conversion from solid to gas is known as?

(A). Fusion

(B). Solidification

(C). Sublimation

(D). Condensation

24. India's first gallery on robotic dinosaurs was opened to the public in which of the following cities?

(A). Udaipur

(B). Jamshedpur

(C). Kapurthala

(D). Surat

(E). Tiruchirapalli

25. The naturally occurring anti- coagulant in the human blood is

(A). Hirudin

(B). Heparin

(C). Fibrinogen

(D). Serotonin

26. What is the force behind the working principle of Cream separator?

(A). Centrifugal force

(B). Centripetal force

(C). Impulsive force

(D). None of the above

27. Ant sting contains acid

(A). Ascorbic acid

(B). Tartaric acid

(C). Lactic acid

(D). Formic acid

28. In which state is the Guru Shikhar Peak located ?

(A). Rajasthan

(B). Gujarat

(C). Madhya Pradesh

(D). Maharashtra

29. Time of 'zero-hour' in Parliament is

(A). 9 a.m. to 10 a.m.

(B). 10 a.m. to 11 a.m.

(C). 11 a.m. to 12 a.m.

(D). 12 noon to 1.00 p.m.

30. The gas causing acid rain in an industrial area is

(A). Carbon dioxide

(B). Carbon monoxide

(C). Sulphur dioxide

(D). Methane

31. Which of the following Fundamental Rights is exclusive to Indian citizens?

(A). Freedom to manage religious affairs

(B). Equality before law

(C). Equality of opportunity in matters of public employment

(D). All the above

32. In 1979, the Morarji Desai Government appointed the Backward Classes Commission under the Chairmanship of _____

(A). RK Trivedi

(B). BB Tandon

(C). Navin Chawla

(D). BP Mandal

33. The vice president is elected by members of an electoral college consisting of the members ____?

(A). Council of state and legislative assembly elected members of all state

(B). Council of states and House of people

(C). Elected member of house of people and Council of states

(D). Vice President is appointed by the President

34. The only state in India that produces saffron is

(A). Assam

(B). Himachal Pradesh

(C). Jammu and Kashmir

(D). Meghalaya

35. Which five planets are visible to the naked eyes?

- (A). Jupiter, Saturn, Uranus, Neptune, mars (B). Mercury, Venus, Mars, Jupiter, Saturn
(C). Mercury, Venus, Neptune, Mars, Uranus (D). None of above

36. In which year Subhash Chandra Bose passed the Indian Civil Services examination in England ?

- (A). 1920 (B). 1923
(C). 1919 (D). 1918

37. Which of the following contains highest amount of Vitamin C?

- (A). Capsicum (B). Tomato
(C). Grape (D). Lemon

38. Dolly was an example of cloned _____.

- (A). Dog (B). Cow
(C). Sheep (D). Hen

39. Which among the following type of trees are also called as sun loving trees?

- (A). Xerophytes (B). Heliophytes
(C). Saprophytes (D). Halophytes

40. What does CO stand for?

- (A). Carbon (B). Carbon monoxide
(C). Coal (D). Carbon dioxide

41. Which of the following is most reactive in nature?

- (A). Potassium (B). Calcium
(C). Lead (D). Copper

42. Cyclone 'Titli' wreak havoc in which of the following states?

- (A). Punjab & Himachal Pradesh (B). Karnataka & Tamil Nadu
(C). Odisha & Andhra Pradesh (D). Maharashtra & Gujarat
(E). Goa & Maharashtra

43. Who has won the alternative Nobel Literature Prize 2018 for Literature?

(A). Maryse Conde

(B). Bob Dylan

(C). Svetlana Alexievich

(D). Patrick Modiano

(E). Tomas Tranströmer

44. Who has been re-elected as the President of Venezuela in 2018?

(A). Ali Kafashian

(B). Nicolas Maduro Moro

(C). Hugo Chavez

(D). Rafael Caldera

(E). None of these

45. Which of the following Railway junction has been renamed as Deen Dayal Upadhyaya railway station?

(A). Kanpur Junction

(B). Lucknow Junction

(C). Mughalsarai Junction

(D). Itarsi Junction

(E). Mathura Junction

46. The Government of India celebrated GST Day on _____.

(A). 1 July

(B). 20 July

(C). 15 April

(D). 28 May

(E). 1 June

47. Spirit in contact with body gives cool sensation because it is :

(A). Liquid

(B). transparent

(C). Highly volatile

(D). A good conductor

48. Which of the following vitamins is also known as 'Tocopherol'?

(A). Vitamin K

(B). Vitamin E

(C). Vitamin A

(D). Vitamin C

49. Dentists use a _____ to focus light on the tooth of a patient.

(A). concave mirror

(B). convex mirror

(C). plane mirror

(D). cylindrical mirror

50. Which base is present in milk of magnesia?

(A). Magnesium hydroxide

(B). Ammonium hydroxide

(C). Sodium hydroxide

(D). Calcium hydroxide

51. A burning matchstick is brought in contact with hydrogen gas :

(A). The matchstick continues to burn brilliantly

(B). The matchstick continues to burn silently with pale blue flame

(C). Matchstick extinguishes and the gas burns with a 'pop' sound

(D). None of the above

52. Brass gets discoloured in air due to constant exposure in presence of:

(A). Aluminium phosphide

(B). Hydrogen sulphide

(C). Hydrogenated wafers

(D). Aluminium Sulphide

53. German silver is an alloy of _____?

(A). copper, nickel and silver

(B). silver, copper and aluminium

(C). zinc, copper and nickel

(D). silver, zinc and copper

54. Name the Indian-American woman who was honoured with the US 'Presidential Medal for Combating Human Trafficking' in October 2018.

(A). Aruna Miller

(B). Kshama Sawant

(C). Minal Patel Davis

(D). Swati Dandekar

55. Recently a Sub-Saturn sized Exoplanet is discovered by which country?

(A). Japan

(B). USA

(C). China

(D). India

56. What are the Companies which got "The Mahartna Status "?

I. Engineers India Limited

II. Bharat Petroleum Corporation Limited

III. National Aluminum Company Limited

IV. Steel Authority of India Limited (SAIL)

(A). Only A & B

(B). Only D & C

(C). Only A& D

(D). Only B & D

57. Which one of the following causes rainfall during winters in north- western part of India ?

(A). Cyclonic depression

(B). Western disturbances

(C). Retreating monsoon

(D). Southwest monsoon

58. Which Article of the Indian Constitution stipulates that It is the duty of every state and local authority to provide adequate facilities for instruction in the mother tongue at the primary stage of education to children belonging to minority classes ?

(A). Article 335

(B). Article 350 A

(C). Article 351

(D). Article 354

59. In bio fortification technique plant breeders use breeding to overcome

(A). Loss due to insect pests

(B). Decrease in food production

(C). Deficiencies of micronutrients and vitamins

(D). Loss due to plant diseases

60. Who invented Aerosol can?

(A). Erik Rotheim

(B). Erik Mathew

(C). Erik Tim

(D). Eric Flayer

61. Which one of the following forms of phosphorus is most reactive?

(A). Black phosphorus

(B). White phosphorus

(C). Violet phosphorus

(D). Red phosphorus

62. The manufacturing of iron from iron-ore involves the process of

(A). Oxidation

(B). Reduction

(C). Electrolysis

(D). Fractional distillation

General knowledge

Part II

1. Which is the famous English News paper circulated in India
(a) Punjab Kesari (b) The Times of India
(c) Hindustan Times (d) Economics Times
2. Which is the famous Hindi News paper circulated in India
(a) Navbharat Times (b) Punjab Kesari
(c) Dainik Jaagran (d) Amar Ujala
3. Where the world cup football was played in 2018.
(a) Russia (b) Spain
(c) Germany (d) America
4. Who won the world cup football in 2018.
(a) South Africa (b) Spain
(c) Germany (d) France
5. When was the first IPL was played.
(a) 2013 (b) 2012
(c) 2014 (d) 2011
6. Who won the world Cricket championship of T-20 in year 2012.
(a) South Africa (b) West Indies
(c) Australia (d) Pakistan
7. Well known Acchan Maharaj associated with.
(a) Bharatnatyam (b) Kathak
(c) Odissi (d) Kucchipudi

8. How many player played in Net Ball

(a) 7

(b) 6

(c) 8

(d) 5

9. Write the name of our Prime Minister

(a) Shri Narendra Bhai Modi

(b) Shri Rajnath Singh

(c) Shri Amit Shah

(d)) Shri Narendra Modi

10. Write the name of our President

(a) Horn able Shri Venkajah Naidu

(b) Horn able Shri Ram Nath Kovind

(a) Horn able Shri Shaktikanta Das

(b) Horn able Shri Rajnath Singh

11. Write the name of our Rail Minister ?

Ans :- Shri Piyush Goyal

12. Write the number of MP in our Parliament ?

Ans :- 545

13. When was the first train run in India.

Ans :- 16.04.1853

14. In which section the first was run in India ?

Ans :- Between Bombay to Thane

15. Write the name of Chief Justice of India now ?

Ans :- Sh. Jagdish Singh Khehar

16. Write the name of the Governor of RBI now ?

Ans :- Urjit Patel

17. Write the name of Head of SBI ?

Ans :- Smt Rajnish Kumar

18. Write the name of the person land in Moon first & when ?

Ans :- Neil Armstrong in 1969

19. Name the world largest Bridge ?

Ans :- Danyang–Kunshan Grand Bridge in China

20. Name the longest River in the world ?

Ans :- Nile River

21. Name the most poisonous snake in the world ?

Ans :- Inland taipan

22. Name the highest Mountain in the world ?

Ans :- Mount Everest

23. In which field Sh. Sudhir Tailang associated with ?

Ans :- Cartoon

24. Smt Bindhya Basini Devi associated with ?

Ans :- Folk Art

25. Sh. Bhimsen Joshi associated with ?

Ans :- Classical music

26. On which river's bank Allahabad city is situated ?

Ans :- Ganga, Jamuna & Invisible Saraswati river bank

27. Sh. Anna Hazare is a ?

Ans :- Social Worker

28. Baba Ramdev is associated with ?

Ans :- Yoga

29. Ashok Chakradhar is associated with ?

Ans :- Comic poet

30. P. T. Usha associated with ?

Ans :- Athletics

31. Sania Mirza associated with ?

Ans :- Lawn tennis

32. Ms. P.V. Sandhu associated with ?

Ans :- Badminton

33. Commonwealth Games is the second largest sports festival in the world

34. C N Tower is the tallest tower in the world

35. Buckingham Palace is the residence of Queen of England

36. Aryabhata was the first satellite that humans sent into space

37. Columbia was the first US space shuttle

38. Ustad Bismillah Khan a classical shahnai maestro received Bharat Ratna Award in 2001

39. Dr A P J Abdul Kalam a great Indian scientist received Bharat Ratna Award in 1997.

40. Kota (Rajasthan) is situated on river side of Chambal river.

41. Trichirapalli is situated on river side of Kaveri river

42. Thar is the biggest desert in India.

Fundamentals of Computer

1. The term 'Computer' is derived from.....
 - a. Latin
 - b. German
 - c. French
 - d. Arabic
2. Who is the inventor of "Difference Engine"?
 - a. Allen Turing
 - b. Charles Babbage
 - c. Simur Cray
 - d. Augusta Adaming
3. Who is the father of Computer?
 - a. Allen Turing
 - b. Charles Babbage
 - c. Simur Cray
 - d. Augusta Adaming
4. Who is the father of Computer science?
 - a. Allen Turing
 - b. Charles Babbage
 - c. Simur Cray
 - d. Augusta Adaming
5. Who is the father of personal computer?
 - a. Edward Robert
 - b. Allen Turing
 - c. Charles Babbage
 - d. None of these
6. A CPU contains
 - a. a card reader and a printing device
 - b. an analytical engine and a control unit
 - c. a control unit and an arithmetic logic unit
 - d. an arithmetic logic unit and a card reader
7. Which of the following controls the process of interaction between the user and the operating system?
 - a. User interface
 - b. Language translator
 - c. Platform
 - d. Screen saver
8. The first computers were programmed using
 - a. assembly language
 - b. machine language

c. source code

d. object code

9.is a combination of hardware and software that facilitates the sharing of information between computing devices.

a. network

b. peripheral

c. expansion board

d. digital device

10. Coded entries which are used to gain access to a computer system are called

a. Entry codes

b. Passwords

c. Security commands

d. Code words

11. Which of the following statements is true ?

a. Minicomputer works faster than Microcomputer

b. Microcomputer works faster than Minicomputer

c. Speed of both the computers is the same

d. The speeds of both these computers cannot be compared with the speed of advanced

12. You organize files by storing them in

a. archives

b. folders

c. indexes

d. lists

13. What type of resource is most likely to be a shared common resource in a computer Network?

a. Printers

b. Speakers

c. Floppy disk drives

d. Keyboards

14. Which device is required for the Internet connection?

a. Joystick

b. Modem

c. CD Drive

d. NIC Card

15. What is a light pen?

a. A Mechanical Input device

b. Optical input device

c. Electronic input device

d. Optical output device

16. UNIVAC is

- a. Universal Automatic Computer
- c. Unique Automatic Computer

- b. Universal Array Computer
- d. Unvalued Automatic Computer

17. CD-ROM stands for

- a. Compactable Read Only Memory
- c. Compactable Disk Read Only Memory

- b. Compact Data Read Only Memory
- d. Compact Disk Read Only Memory

18. ALU is

- a. Arithmetic Logic Unit
- c. Application Logic Unit

- b. Array Logic Unit
- d. None of above

19. VGA is

- a. Video Graphics Array
- c. Volatile Graphics Array

- b. Visual Graphics Array
- d. Video Graphics Adapter

20. IBM 1401 is

- a. First Generation Computer
- c. Third Generation Computer

- b. Second Generation Computer
- d. Fourth Generation Computer

21. MSI stands for

- a. Medium Scale Integrated Circuits
- c. Medium Scale Intelligent Circuit

- b. Medium System Integrated Circuits
- d. Medium System Intelligent Circuit

22. The capacity of 3.5 inch floppy disk is

- a. 1.40 MB
- c. 1.40 GB

- b. 1.44 GB
- d. 1.44 MB

23. WAN stands for

- a. Wap Area Network
- c. Wide Array Net

- b. Wide Area Network
- d. Wireless Area Network

24. MICR stands for

- a. **Magnetic Ink Character Reader**
- b. Magnetic Ink Code Reader
- c. Magnetic Ink Cases Reader
- d. None

25. EBCDIC stands for

- a. **Extended Binary Coded Decimal Interchange Code**
- b. Extended Bit Code Decimal Interchange Code
- c. Extended Bit Case Decimal Interchange Code
- d. Extended Binary Case Decimal Interchange Code

26. Which of the following is a part of the Central Processing Unit?

- a. Printer
- b. Key board
- c. Mouse
- d. **Arithmetic & Logic unit**

27. CAD stands for

- a. **Computer aided design**
- b. Computer algorithm for design
- c. Computer application in design
- d. Computer analogue design

28. Junk e-mail is also called

- a. **spam**
- b. spoof
- c. sniffer script
- d. spool

29. Hackers

- a. all have the same motive
- b. **break into other people's computers**
- c. may legally break into computers as long as they do not do any damage
- d. are people who are allergic to computers

30. What type of computers are client computers (most of the time) in a client-server system?

- a. Mainframe
- b. Mini-computer
- c. **Microcomputer**
- d. PDA

31. A computer cannot 'boot' if it does not have the

- a. Compiler
- b. Loader
- c. **Operating System**
- d. Assembler

32. The amount of vertical space between lines of text in a document is called

- a. double-space
- b. **line spacing**
- c. single space
- d. vertical spacing

33. Example of non-numeric data is

- a. **Employee address**
- b. Examination score
- c. Bank balance
- d. All of these

34. What is embedded system?

- a. The programme which arrives by being wrapped in box.
- b. The programme which is the permanent part of the computer
- c. The computer which is the part of a big computer
- d. **The computer and software system that control the machine**

35. First page of Website is termed as-

- a. **Homepage**
- b. Index
- c. JAVA script
- d. Bookmark

36. Is the appearance of typed characters?

- a. Size
- b. **Format**
- c. Point
- d. Colour

37. When a file is saved for the first time

- a. a copy is automatically printed
- b. **it must be given a name to identify it**
- c. it does not need a name
- d. it only needs a name if it is not going to be printed

38. Office LANS, which are scattered geographically on large scale, can be connected by the use of corporate
- a. CAN
 - b. LAN
 - c. DAN
 - d. WAN
39. Where are data and programme stored when the processor uses them?
- a. Main memory
 - b. Secondary memory
 - c. Disk memory
 - d. Programme memory
40. represents raw facts, where-as..... is data made meaningful.
- a. Information, reporting
 - b. Data, information
 - c. Information, bits
 - d. Records, bytes
41. What characteristic of read-only memory (ROM) makes it useful?
- a. ROM information can be easily updated.
 - b. Data in ROM is non-volatile, that is, it remains there even without electrical power.
 - c. ROM provides very large amounts of inexpensive data storage.
 - d. ROM chips are easily swapped between different brands of computers.
42. What do you call the programs that are used to find out possible faults and their causes?
- a. operating system extensions
 - b. cookies
 - c. diagnostic software
 - d. boot diskettes
43. Which programming languages are classified as low level languages?
- a. BASIC, COBOL, Fortran
 - b. Prolog
 - c. C, C++
 - d. Assembly languages
44. Which of the following is not anti- viruses' software?
- a. NAV
 - b. F-Prot
 - c. Oracle
 - d. McAfee

45. Which device is required for the Internet connection?
- a. Joystick
 - b. Modem
 - c. CD Drive
 - d. NIC Card
46. What does DMA stand for?
- a. A. Distinct Memory Access
 - b. Direct Memory Access
 - c. Direct Module Access
 - d. Direct Memory Allocation
47. Which of the following is a storage device?
- a. Tape
 - b. Hard Disk
 - c. Floppy Disk
 - d. All of the above
48. When did John Napier develop logarithm?
- a. 1416
 - b. 1614
 - c. 1641
 - d. 1804
49. A normal CD- ROM usually can store up to _____ data?
- a. 680 KB
 - b. 680 Bytes
 - c. 680 MB
 - d. 680 GB
50. MIS is designed to provide information needed for effective decision making by?
- a. Consumers
 - b. Workers
 - c. Foremen
 - d. Managers

Soil mechanics Paper - I

1. Which of the statements with regard to formation is correct

- (1) One of the Functions of the formation is to facilitate drainage
- (2) Width of bank for double railway line is 12.155 meters
- (3) Width of cutting for double railway track is 11.750 meters
- (4) Centre to centre of formation for double line is 4.725 meters
- (5) Width of formation is different for concrete sleeper track and other than concrete sleeper track

- a) 2, 3, 5
- b) 3, 4, 5*
- c) 2, 3, 4
- d) 2, 4, 5

2. Centre to Centre spacing of formation for double railway line for Broad Gauge is

- a) 1676 mm
- b) 4725 mm
- c) 4265mm
- d) 5300 mm*

3. Earthwork in embankment for railway with manual compaction should be done in layers not exceeding-----

- a) 15 centimeter
- b) 20 centimeters
- c) 25 centimeters
- d) 30 centimeters*

4. To provide inverted filter to improve the bearing capacity of soil the liquid limit of blanketing material should not be greater than

- a) 5
- b) 20
- c) 27
- d) 35*

5. To provide inverted filter to improve the hearing capacity of soil the plasticity index of blanketing material should not be greater than

- a) 15*
- b) 20
- c) 27
- d) 35

6. The bottom of side drains should be below the formation level by at least-----

- a) 45 cm
- b) 30 cm*
- c) 15 cm
- d) 60 cm

7. Cross slope of the formation to have good drainage of Ballast section is
- 1 in 40*
 - 1 in 50
 - 1 in 30
 - 1 in 20
8. The side slope of formation in embankment is
- 2 : 1*
 - 1: 1
 - 1:5
 - 1:3
9. The side slope of formation in embankment /cutting depends on
- Shearing strength of soil and its angle of repose*
 - Angle of repose
 - Bearing capacity of the soil
 - Optimum moisture content of the soil
10. The recommended width of Double line cutting formation for B G is
- 10210 mm
 - 10 975 mm
 - 11555 mm*
 - 10 820 mm
11. The recommended width of Single line formation cutting for BG excluding drain is
- 6250 mm*
 - 6850mm
 - 54 90mm
 - 6100mm
12. In case of compaction of soil by sheep foot roller maximum thickness of layer should not exceed
but more than ----- centimeter of length of their teeth
- 5 centimeter*
 - 4 centimeter
 - 3 centimeter
 - 2 centimeter
13. The catch water drains are provided in the
- Formation in the embankment
 - Formation in cutting*
 - Zero fills formation
 - Steep gradient
14. Cross sectional area of catch water drain should not be more than
- 0 .75 square meter*
 0. 90 square meter
 0. 80 square meter
 - . 50 square meter

15. Density of each compacted layer should be ascertained by taking soil samples on either side of Central Line at

a) 5 meter interval

b) 10 meter interval*

c) 12 meter interval

d) 15 meter interval

16. For laying a Railway track the prepared surface ready to receive the ballast is called

a) Sub ballast

b) Formation*

c) Blanket

d) Cushion

17. The height of formation depends upon the

a) Ground contours and the gradient adopted*

b) Ground contour only

c) Gradient adopted only

d) Rainfall intensity over the year

18. The dry density of soil is

a) Always greater than the saturated density

b) Weight of soil solids per unit of total volume prior to drying*

c) Total weight of soil solids per unit of its total volume

d) Total weight of soil mass per unit of its total volume

19. The ratio of volume of water present in a given soil sample to the total volume of voids in it is known as

a) Percentage of air voids

b) Degree of saturation *

c) Void ratio

d) Porosity

20. The ratio of volume of air voids to the volume of voids is known as

a) Percentage of air voids

b) Porosity

c) Degree of saturation

d) Air content*

21. At the liquid limit

a) The soil just begins to crumble when rolled into a thread

b) The shearing strength against flowing is negligible

c) The shearing strength against flowing is a small but definite*

d) The soil will not get fully saturated

22. The property of soil which allows it to be deformed rapidly, without rupture, without elastic rebound and without volume change is known as
- a) Porosity
b) **Plasticity***
c) Stiffness
d) Plastic limit
23. The minimum water content in soil at which the soil just begins to crumble when rolled into threads 3 mm in diameter is known as
- a) **Plastic limit**
b) Liquid limit
c) Consistency limit
d) Shrinkage limit
24. The minimum water content at which a reduction in water content will not cause a decrease in the volume of a soil mass is known as
- a) Plastic limit
b) **Shrinkage limit***
c) Liquid limit
d) Consistency limit
25. The numerical difference between the liquid limit and plastic limit of a soil is known as
- a) Liquidity index
b) **Plasticity index ***
c) Shrinkage index
d) Consistency index
26. In India soils are classified by
- a) MIT classification
b) **Unified soil classification system***
c) International classification system
d) Particle size classification
27. The consistency index of soil is
- a) (Natural water content - liquid limit) / plasticity index
b) (Natural water content - liquid limit) / liquidity index
c) (Liquid limit - natural water content) / consistency index
d) **(Liquid limit - natural water content) / plasticity index***
28. The property of a soil due to which water percolates through it is known as
- a) Porosity
b) **Permeability***
c) Moisture content
d) Capillarity

29. Permeability of soil varies
- a) Inversely as square of grain size
 - b) Inversely as grain size
 - c) Directly as grain size
 - d) Square of grain size*
30. Quicksand is
- a) Moist sand containing a small percentage of clay
 - b) Is a condition which generally occurs in coarse sands
 - c) Is a condition in which cohesive properties of soil increase rapidly
 - d) Is a condition in which a cohesion less soil loses its strength because of upward flow of water*
31. Piping in a soil mass is
- a) Erosion of subsoil by the high velocities of flow of water through it when such velocities exceed a certain limit*
 - b) Caused due to very low exit gradient
 - c) Due to continuous passage of water through a series of well connected pores
 - d) Due to loss of the strength of cohesion less soil because of upward flow of water
32. The maximum dry density to which a soil may be compacted to depends upon
- a) Soil water content *
 - b) The process of compaction
 - c) The voids ratio
 - d) Is independent of the type of soil
33. A saturated clay is to be tested for shearing strength. Which test should be recommended?
- a) Direct shear test
 - b) Triaxial shear test
 - c) Vane shear test
 - d) Unconfined compression*
34. A temporary enclosure in a river or Lake built around a working area for the purpose of excluding water during construction is known
- a) Caisson
 - b) Augur
 - c) Cofferdam *
 - d) Sheet pile wall
35. The maximum pressure which the soil can carry safely without the risk of shear failure is called
- a) Safe bearing capacity
 - b) Ultimate bearing capacity*
 - c) Allowable bearing capacity
 - d) Shear bearing capacity

36. Black cotton soils are

a) Heavy clay soils varying from clay to Loam, with clay content of 40 to 50% formed by decomposition of rocks by long continued weathering*

b) Compacted and laminated clays

c) Soils containing carbon of coal underneath

d) Dark brown earthy materials formed due to partial or complete decomposition of vegetable matter

37. The high density of soil placed in a fill is desired in order to

a) Increase its shear resistance*

b) Reduce its shear resistance

c) Promote future settlements

d) Decrease percolation through the fill.

38. Plasticity index represents the range of water content between

a) Liquid and plastic limit *

b) Plastic limit and semi solid limit

c) Semisolid Limit and liquid limit

d) Liquid limit and solid limit.

Surveying Paper -I

1. Distance between two points is measured by
 - a) Pacing
 - b) Pedometer
 - c) Passometer
 - d) Chaining
 - e) **All the above***
2. The following instrument is used to set out a right angle
 - a) Cross staff
 - b) Optical staff
 - c) Prism square
 - d) None of the above
 - e) **All the above***
3. In order to do fly levelling the following type of methodology is adopted
 - a) Rise & fall method
 - b) Height of instrument method
 - c) **Both the above***
 - d) None of the above
4. For locating an inaccessible point with the help of only a plane table, one should use
 - a) traversing
 - b) resection
 - c) radiation
 - d) **Intersection***
5. The method of plane tabling commonly used for establishing the instrument station is a method of
 - a) Radiation
 - b) **Intersection***
 - c) Resection
 - d) Traversing
6. A metallic tape is made of
 - a) Steel
 - b) Invar
 - c) Linen
 - d) **Cloth & wires***
7. Dumpy level is most suitable when
 - a) The instrument is to be shifted frequently
 - b) Fly leveling is being done over long distance
 - c) **Many readings are to be taken from a single setting of the instrument***
 - d) All of the above

8. Two contour lines, having the same elevation

- a) Cannot cross each other
- b) Can cross each other
- c) Cannot unite together
- d) **Can unite together***

9. In setting up a plane table at any station

- a) Leveling is done first
- b) Centering is done first
- c) **Both leveling and centering are done simultaneously**
- d) Orientation is done first

10. Contour interval on a map sheet denotes

- a) Vertical distance of contour lines above the datum plane
- b) **Vertical distance between two successive contour lines**
- c) Slope distance between two successive contour lines
- d) Horizontal distance between two successive contour lines

11. Theodolite is an instrument used for

- a) Tightening the capstan-headed nuts of level tube
- b) Measurement of horizontal angles only
- c) Measurement of vertical angles only
- d) **Measurement of both horizontal and vertical angles***

12. A series of closely spaced contour lines represent a

- a) **Steep slope***
- b) Gentle slope
- c) Uniform slope
- d) Plane surface

13. Three point problem can be solved by

- a) Tracing paper method
- b) Bessels method
- c) Lehman's method
- d) **All of the above***

14. The size of a plane table is

- a) 750mm x 900 mm
- b) **600mm x 750 mm***
- c) 450mm x 600 mm
- d) 300mm x 450 mm

15. In a theodolite the line passing through the intersection of the horizontal and vertical cross hairs and the optical centre of the object glass and its continuation, is known as

- a) Horizontal axis
- b) Vertical axis
- c) Line of collimation
- d) Line of sight
- e) Either of c or d above*

16. In a theodolite a condition arising when the image formed by the objective is not in the plane of cross hairs is known as

- a) Parallax*
- b) Out of sight
- c) Out of place
- d) Transiting
- e) Centring

17. Which of the following in theodolite work is imperfect adjustment of the instrument

- a) Error due to line of collimation being perpendicular to the horizontal axis
- b) Error due to axis not to perpendicular of the vertical axis
- c) Error due to imperfect graduation
- d) Error due to eccentricity of verniers
- e) All of the above*

ESTABLISHMENT & FINANCE MATTERS

1	<p>Gazetted staff having completed 20 years and more but less than 25 years of service are entitled to get post retirement passes at the rate of</p> <p>a) 1 set per annum b) 2 sets per annum c) 3 sets per annum d) none</p> <p>Answer:- b) 2 sets per annum (Estt. Srl. No. 28/94 & 27/96)</p>
2	<p>Gazetted staff having completed 25 years and more service are entitled to get post retirement passes at the rate of</p> <p>a) 1 set per annum b) 2 sets per annum c) 3 sets per annum d) none</p> <p>Answer:- c) 3 sets per annum (Estt. Srl. No. 28/94 & 27/96)</p>
3	<p>Group 'C' staff having completed 20 years and more but less than 25 years of service are entitled to get post retirement passes at the rate of</p> <p>a) 1 set per annum b) 2 sets per annum c) 3 sets per annum d) none</p> <p>Answer:- a) 1 set per annum (Estt. Srl. No. 28/94 & 27/96)</p>
4	<p>Group 'C' staff having completed 25 years and more service are entitled to get post retirement passes at the rate of</p> <p>1 set per annum 2 sets per annum 3 sets per annum none</p> <p>Answer:- b) 2 sets per annum (Estt. Srl. No. 28/94 & 27/96)</p>
5	<p>Group 'D' staff having completed 20 years and more but less than 25 years of service are entitled to get post retirement passes at the rate of</p> <p>1 set per annum 2 sets per annum 3 sets per annum nil</p> <p>Answer:- d) nil (Estt. Srl. No. 28/94 & 27/96)</p>
6	<p>Group 'D' staff having completed 25 years and more service are entitled to get post retirement passes at the rate of</p> <p>a) 1 set per annum b) 2 sets per annum c) 3 sets per annum d) none</p> <p>Answer:- a) 1 set per annum (Estt. Srl. No. 28/94 & 27/96)</p>
7	<p>The widowed mother of the retired employee shall be included in the post retirement complimentary passes as any other family member of the retired railway employees.</p> <p>a) No</p>

	b) Yes c) I don't know d) none Answer:- b) Yes (Estt. Srl. No. /96)
8	Widow complementary passes may be issued to a widow whose husband was a railway employee and a) Expired b) Missing c) Either expired or missing d) Retired Answer:- c) either expired or missing (Estt. Srl. No. 118/98)
9	Revised pay limit for issue of I st class pass for non gazetted Group B & C appointed prior to 1.8.69 is..... a) Drawing pay of Rs. 5000/- or above, in the scale the maximum of which should be Rs. 7000/- b) Drawing pay of Rs. 5375/- or above, in the scale the maximum of which should be Rs. 7000/- c) Drawing pay of Rs. 4900/- or above, in the scale the maximum of which should be Rs. 6000/- d) none of the above Answer:- (c) Drawing pay of Rs. 4900/- or above, in the scale the maximum of which should be Rs. 6000/- (Estt.Srl. No. 35/99)
10	Employees appointed after 1.2.99 serving in pay scale of Rs. 5000-8000/- & Rs. 5500-9000/- and drawing pay of Rs. 7250/- or above but less than Rs. 7600/- shall be entitled to a) II nd class 'A' b) I class c) II nd class d) none of the above Answer:- (a) II nd class 'A' (Estt.Srl. No. 35/99)
11	J A Grade officer can travel in ACC 1 st class when a) They are put in J A Grade b) They are in receipt of pay of Rs. 14,300 and above c) Restriction to availability of berth d) None of the above. Answer:- (b) When they are in receipt of pay of Rs. 14,300 and above (Estt.Srl. No. 167/99)
12	In residential card passes a person can be accompanied as: a) Attendant b) Companion c) Both d) None is allowed Answer: d) No Attendant is allowed. (Estt. Srl No:)
13.	Licensed potters are allowed : a) One set complimentary cheque pass for self only b) One set of Privilege order per year for self and spouse

	<p>c) Both A & B d) None. Answer: (c) Both A & B (CPO's Letter dated 07.07.1997 & ES. No: 88/99) (RB. No: 55/99)</p>
14.	<p>Facility of a companion will be provided on the post retirement complimentary pass holders of: a) First and 1A Pass b) First, 1A & 2A Passes c) All classes passes d) First Class Only. Answer (a) First & 1A Pass (Rule No: 31/99 & 18/2000)</p>
15.	<p>Attendant as defined in pass rules means (a) Any relative of the employee (b) A person employed in house hold works of an employee (c) A person exclusively employed on salary in the personal service of a Railway Servant (d) None of the Above Answer: (c) A person exclusively employed on salary in the personal service of a Railway Servant (RB. No: E(W)93 PS 5 - ½ of 17.05.1993)</p>
16.	<p>One post retirement complimentary pass should be stopped for each month or part thereof above ten days of unauthorized occupation of Railway Quarter. (a) False (b) True (c) Can't Say (d) None Answer: (b) True (ES No: 295/99)</p>
17.	<p>One Widow complimentary pass should be stopped for each month or part thereof above ten days of unauthorized occupation of Railway Quarter (a) False (b) True (c) Can't Say (d) None Answer: (a) False (ES No: 295/99)</p>
18.	<p>Inclusion of divorced and widow daughter in post retirement complimentary passes is: (a) Allowed (b) Disallowed (c) Under consideration (d) both B & C Answer: (a) Allowed (ES. No: 109/2003-RB No: 63/2003)</p>
19.	<p>What will be the colour of "II Class" 'A' Pass? (a) Pink (b) Green (c) Yellow (d) Red Answer: (c) Yellow (ES No: 37/99 & 111/2003, RB No: 17/99 & 88/2003)</p>
20.	<p>A Guardian can be included in the school pass for</p>

	<p>(a) A boy under 18 yrs. (b) A Girl of any age (c) A Physically Handicapped boy above 18 Years. (d) All the Three Answer: (d) All the three. (ES No: 88/2004)</p>
21.	<p>Widow complimentary pass can be issued to the widows of Railway Employees: (a) Who were in service on or after 12.03.87 (b) Who were in service prior to 12.03.87 (c) Who make one time payment of Rs. 250/- (d) All the above Answer: (d)</p>
22	<p>How many days of LAP in a calendar year, a permanent/ Temporary Railway servant shall be entitled to get? a) 20 days b) 15 days c) 30 days d) 45 days Ans:- (c) 30 days in a calendar year; (Para-523 of IREC, Vol-I, 1995 edition)</p>
23	<p>How many days of LAP in a year, can be credited to an employee?. a) 30 days b) 10 days c) 20 days d) 12 days Ans:- (c) 20 days in a year; (Para-526 of IREC, Vol.-I, 1995 edition)</p>
24	<p>A female Railway employee shall be entitled to maternity leave for a) 135 days b) 120 days c) 90 days d) 130 days Ans:- (a) 135 days; (Estt. Srl. No. 162/97 & Para-551 of IREC-Vol.I, 1995 edition)</p>
25	<p>For miscarriage, including abortion, what period of Maternity leave may be granted?. a) 6 weeks b) 45 days c) 7 weeks d) 43 days. Ans:- (b) 45 days; (Estt. Srl. No. 72/97)</p>
26	<p>Paternity leave is admissible with less than two surviving children for a period of a) 10 days b) 20 days c) 15 days d) 25 days Ans:- (c) 15 days; (Estt. Srl. No. 162/97 & 154/97)</p>
27	<p>Maximum days of leave on average pay that can be accumulated is a) 120 b) 180 c) 190</p>

	d) 300 days Ans:- (d) 300 days; (Estt. Srl. No. 172/97)
28	LAP shall be credited to a Railway servant at the rate of a) 2 ½ days per month b) 3 days per month c) 2 days per month d) 1 ½ days per month Ans:- (a) 2 ½ days per month; (Para-524 of IREC, Vol-I, 1995 edition)
29	How many days of LAP per year can be credited to a school staff ? a) 10 days b) 5 days c) 7 days d) 8 days Ans:- (a) 10 days; (Para-525 of IREC, Vol-I, 1995 edition)
30	How many days of LHAP can be accumulated to an employee in his service life? a) 300 days b) 450 days c) 600 days d) Un limited Ans:- (d) Unlimited; (Para-526 of IREC, Vol-I, 1995 edition)
31	A male railway servant may be granted Paternity leave having surviving children a) Less than two b) One c) Four d) Three Ans:- (a) Less than two surviving children; (Para-551(A) R-I)
32	Up to what limit, maternity leave may be combined with any kind of leave? a) One year b) Two years c) Unlimited d) Six months Ans:- (a) One year; (Para-551, R-I)
33	A Trade Apprentices may be granted leave on full stipend for a period not exceeding----- days per year. a) 15 days b) 13 days c) 10 days d) 12 days Ans:- (d) 12 days; (Para-534, R-I)
34	Apprentice Mechanics in Railways Workshops may be granted leave on full stipend for period not exceeding..... a) 16 days b) 20 days c) 25 days d) 30 days Ans:- (a) 16 days; (Para-533, R-I)

35	<p>Gazetted officers may be granted LAP for the period exceeding 180 days but not exceeding, if leave granted out side India.</p> <p>a) 200 days b) 240 days c) 230 days d) 250 days</p> <p>Ans:- (b) 240 days; (RBE No. 42/92)</p>
36	<p>Study leave shall count for :-</p> <p>a) Reckoning seniority b) Reckoning increment c) Earning LAP d) Earning LHAP.</p> <p>Ans:- (c) Earning LAP (R-I, 556)</p>
37	<p>Which of the following category is entitled for hospital leave?</p> <p>a) Group 'A' b) Group 'B' c) Group 'C' d) Group 'D'</p> <p>Ans:- (d) Group 'D' only. (Para-554 of IREC, Vol.-I)</p>
38	<p>When no leave is admissible under any other rule, the leave granted is known as</p> <p>a) LAP b) LHAP c) SPL Leave d) Extra ordinary leave.</p> <p>Ans:- (d) Extra ordinary leave (Para 530, R-I)</p>
39	<p>Maximum encashment of leave on average pay is.....</p> <p>a) 200 days b) 180 days c) 360 days d) 300 days</p> <p>Ans:- (d) 300 days; (E. S. No. 172/97)</p>
40	<p>Who is the authority to sanction Special Disability Leave?.</p> <p>a) Senior Scale Officer b) J A Grade Officer c) DRM d) ADRM</p> <p>Answer:- (d) ADRM (Rule 552, 553, R-I).</p>
41	<p>Leave of any kind can be combined with vacation in the case of</p> <p>a) Officers b) Office Staff c) Running Staff d) Rly. School Teacher</p> <p>Answer:- (d) Rly. School Teacher (Para 525, R-I).</p>
42	<p>What is the maximum period of leave on Average pay at time that a Railway servant may be granted?</p> <p>a) 120 days</p>

	b) 160 days c) 180 days d) 300 days Ans:- (c) 180 days; (Para 523, R-I)
43	What is the maximum limit of Leave not due that may be granted to a permanent Rly. Servant during his entire service period? a) 360 days b) 380 days c) Unlimited d) 300 days Ans:- (a) 360 days; (E. S. No. 31/89 & Para 528, R-I, 1995 edition)
44	Within which period, Paternity Leave can be granted? a) Six months b) Three months c) Four months d) 15days Ans:- (a) 6 months; (E. S. No. 05/2000)
45	Special Disability Leave on average pay granted for accident on duty shall not exceed..... a) 120 days b) 125 days c) 360 days d) 280 days Ans:- (d) 280 days; (Para 553 (iii), R-I)
46	Paternity leave is also admissible to a) Casual Labour b) Casual labour with temporary status c) After completion of 180 days of service d) After regular absorption Ans:- (b) Casual labour with temporary status; (E. S. No. 143/99)
47	Staff of which Railway are entitled to avail extra Casual leave? a) SER b) ECOR c) NFR d) ECR Ans:- (c) NFR;
48	Whom does the Compensatory Casual leave is admissible? a) Supervisory staff b) Group 'D' staff c) Group 'C' & Group 'D' staff but not supervisor d) Stenographer & Confidential Assistant Ans:- (c) Group 'C' & Group 'D' staff but not supervisor; (E. S. No. 27/61)
49	Quarantine Leave a) Withdrawn b) Admissible in critical diseases c) For Eye disease

	d) Wife's Sickness Ans:- (a) Withdrawn; (Para, 555, R-I)
50	Commuted leave is admissible on a) Medical Certificate b) Request of an employee c) Discretion of competent authority d) None Ans:- (a) On Medical Certificate; (Para, 527, R-I)
51	If a Railway employee applies for a kind of leave say LAP, in advance, the competent authority may.....: a) Sanction as CL b) sanction as LWP c) refuse to sanction it d) convert it as commuted leave Ans:- (c) Refuse to sanction it; (Para, 503, R-I)
52	A Railway shall be granted leave of any kind for a continuous period of not exceeding..... a) 3 Years b) 4 years c) 5 years d) 6 years Ans:- (c) 5 years; (Para, 510, R-I)
53	Which of the following leave can be combined with vaction in case of a school teacher? a) Only LAP b) Only LHAP c) Any kind of leave d) Special disability leave Ans:- (c) Any kind of leave; (Para, 525 (d) , R-I)
54	How many occasions does a workshop staff be granted half a day's LAP? a) 6 occasions b) 10 occasions c) 6 occasions d) 12 occasions Answer :- (a) 6 occasions (Para539/2, R-I)
55	Hospital leave granted to a non-Gazetted Rly. Servant should not exceed a total ofwhen combined with other leave a) 24 months b) 26 months c) 28 months d) 18 months Answer :- (c) 28 months (554/4, R-I)
56	What is the maximum limitation of Leave Not Due granted on medical certificate during the entire period of service? a) 360 days b) 365 days

	c) 370 days d) 390 days Ans:- (a) 360 days; (E.S.No.30/89)
57	Maximum of study leave that can be granted to an employee during his entire service period is a) 36 months b) 28 months c) 24 months d) 30 months Answer :- (a) 36 months (170/98)
58	In case of 'Cut in pension', for compulsory retirement as a measure of punishment, leave encashment is admissible for... a) 360 days b) 150 days c) un utilized days d) not eligilble Ans:- (d) not eligilble; (E.S.No.334/87)
59	Which of the following leave may be granted to a Rly. Servant, Volunteered to donate blood in Govt./Rly. Hospitals for railway employees. a) Special Casual leave b) casual leave c) LAP d) LHAP Ans:- Special Casual leave.
60	If a railway servant resigns from service during study leave, and it is converted into regular leave as LAP/LHAP leaving balance, such a balance shall be treated as.... A) unauthorized absence b) Extra ordinary leave c) Study leave d) Leave not due Answer:- (b) Extra ordinary leave (R-I, Appv./ul/2/w)
61	Who is the Authority to grant study leave abroad? A) Rly. Board b) GM c) DRM d) CPO Answer:- (a) Rly. Board (E.S.No.77/02)
62	Who is the Competent Authority to grant study leave within India? A) Rly. Board b) GM c) DRM/CWM d) CPO Answer:- (b) Rly. Board (E.S.No.77/02)
63	Who is the Competent Authority to grant study leave for Group 'C' & 'D' categories within India?

	a) Rly. Board b) GM c) DRM/CWM d) CPO Answer:- (c) DRM/CWM (E.S.No.77/02)
64	What is the Maximum joining time admissible to a Railway Servant? a) 10 days b) 12 days c) 15 days d) 16 days Answer:- 15 days in case of air travel is involved (Para- 1108, R-I, 1995)
65	Which of the following employee does Special Casual leave is admissible under family welfare scheme? a) Male employee b) Female employee c) Both male & female employee d) None Answer:- (c) Both male & female employee (E.S.No.100/ 84)
66	Under small family norms a railway employee is entitled to get Special Casual leave up to..... a) 14 days b) 16 days c) 20 days d) 25 days Answer:- 14 days (E.S.No.100/ 84)
67	Special Casual Leave is admissible foe employees who reside at a place where the date of polling is different from that of place.... a) 1 day b) 2 days c) 3 days d) 4 days Answer:- 1 day (E.S.No.122/ 87)
68	Who is the authority to grant Special Casual Leave for Bundh, Curfew or other disturbances? a) PHOD b) HOD c) DRM d) ADRM Answer:- (b) HOD (DRM/CWM) (E.S.No.4/ 85)
69	What is the maximum Casual leave admissible in a calendar year for scouting/ Sports activities? a) 30 days b) 45 days c) 15 days d) 25 days Answer:- 120 days (E.S.No.33/ 05)

70	<p>Special Casual Leave is granted to cover the period of absence of Rly. Servants attending JCM...</p> <p>a) Not more than 5 days in a year b) Not more than 10 days in a year c) 6 days in a year d) 10 days in a year</p> <p>Answer:- (a) Not more than 5 days in a year 14 days (E(L0 66 NM-1/21 dt 25-1-67)</p>
71	<p>If the transfer involves change of station, and the distance between the old and new station is less than 1000 k.ms, how many days of joining time is admissible?</p> <p>a) Not more than 5 days b) 10 days c) 12 days d) 15 days</p> <p>Answer:- (b)</p>
72	<p>How many pay commission have been getting to Central Govt. employee.</p> <p>a) 4 b) 5 c) 6 d) 7</p> <p>Ans: d)</p>
73	<p>When a staff is appointed in as clerk in scale Rs.3050-4590 which rate of pay will be given as general case?</p> <p>a) Rs.3050/- b) Rs.3200/- c) Rs.3350/- d) Rs.3875/-</p> <p>Ans: a)</p>
74	<p>A Rly. Employee is working in scale Rs.3050-4590 and drawing pay @ Rs.4430/- subsequently he promoted in scale Rs.4500-7000/- what pay will be fixed in normal procedure.</p> <p>a) Rs.4625/- b) Rs.4500/- c) Rs.5000/- d) Rs.4825/-</p> <p>Ans: a)</p>
75	<p>For fixation of pay on promotion how many days are required for completion of service?</p> <p>a) 30 days b) 20 days c) 22 days d) 15 days</p> <p>Ans: c) (Estt.Srl.No. 267/69)</p>
76	<p>What % of pay will be added to the basic pay of a running staff parentally posted in a Non- running post?</p> <p>a) 30% b) 40%</p>

	<p>c) 20%</p> <p>d) None of these</p> <p>Ans: a) (Estt.Srl.No. 133/87 & 45/64)</p>
77	<p>How many Rs.(minimum) to be added to pay in the lower grade before fixing the pay in the higher post on promotion :</p> <p>a) Rs.75/-</p> <p>b) Rs.100/-</p> <p>c) Rs.80/-</p> <p>d) None of these</p> <p>Ans. b) (Estt.Srl.No. 264/99)</p>
78	<p>A Rly. Employee submitted an option for fixation of pay on promotion from the date of increment in the lower grade. This will be applicable w.e.f.</p> <p>a) 1.2.81</p> <p>b) 1.5.81</p> <p>c) 1.1.82</p> <p>d) None of these</p> <p>Ans: b) (Estt.Srl.No. 231/81)</p>
79	<p>Senior employee will get stepping up of pay vis-a-vis junior so promoted if the junior:</p> <p>-</p> <p>a) Promoted on regular post on regular measure</p> <p>b) Promoted on ad-hoc basis</p> <p>c) Promoted in an ex-cadre post</p> <p>d) None of these</p> <p>Ans: a)</p>
80	<p>If a junior employee promoted to higher post and submitted an option for fixation of pay w.e.f the date of increment, senior employee will be given</p> <p>a) Stepping up of pay</p> <p>b) Antedate</p> <p>c) Neither stepping up nor antedate</p> <p>Ans: c) (Estt.Srl.No. 118/82)</p>
81	<p>Stagnation increment should be taken into account for purpose of fixation of pay on promotion w.e.f.</p> <p>a) 30.9.92</p> <p>b) 30.9.93</p> <p>c) 30.9.94</p> <p>d) 30.9.95</p> <p>Ans: b) (Estt.Srl.No. 143/93,206/93 & 2/94)</p>
82	<p>A employee is working in a cadre post; subsequently he is transferred on promotion against Ex-cadre post. Thereafter he has been promoted further in higher grade against ex-cadre Post his pay will be fixed on the basis of :</p> <p>a) From ex-cadre to ex-cadre</p> <p>b) From cadre to ex-cadre</p> <p>c) None of these</p> <p>Ans; b) (Estt.Srl.No. 14/86)</p>
83	<p>Senior was promoted without Spl. pay of Rs.70/- but junior was promoted with Spl. pay of Rs.70/- senior will given</p>

	a) Stepping of pay b) Same pay at par with junior c) None of these Ans: c) (Estt.Srl.No. 274/88,158/90)
84	The stagnation increment for an employee will count for a) DA, HRA & CCA b) Pensionary benefits c) Fixation of pay on promotion d) All of the above Ans: d) (Estt.Srl.No. 26/91)
85	No Rly. Servant will become eligible for the 1st stagnation increment in the revised scale (RSRPR'97) of pay before: a) 1.1.96 b) 1.1.97 c) 1.1.98 d) 1.1.99 Ans: c)
86	A person is appointed in sports quota in scale Rs.2550-55-3200/-in maximum pay. His pay will be fixed in: a) Rs.3200/- b) Rs.3145/- c) Rs.3090/- d) Rs.2960/- Ans: d) (Estt.Srl.No.128/2000)
87	A person is appointed against sports quota in scale Rs.3050-75-3890-80-4590/-in maximum pay. His pay will be fixed in: a) Rs.4590/- b) Rs.4430/- c) Rs.4270/- d) Rs.3875/- Ans: d) Estt.Srl.No.128/2000)
88	Benefits of 2nd pay commission of Central Govt Employee were implemented from: a)1.1.58 b)1.7.59 c)1.7.58 d)1.1.59 Ans: b)
89	Initial yearly increment in the grade of Rs.2550-3200/- is: a) Rs.45/- b) Rs.50/- c) Rs.55/- d) Rs.60/- Ans: c) (RSRPR'97)
90	What is the initial yearly increment in the grade Rs.2610-3540/- ? a) Rs.50/- b) Rs.60/-

	c) Rs.65/- d) Rs.70/- Ans. b) (RSRPR'97)
91	Which of the following amount is the initial yearly increment in the grade 2650-4000? a) Rs.65/- b) Rs.70/- c) Rs.75/- d) Rs.80/- Ans: a) (RSRPR'97)
92	In the grade of Rs.2750-4400/- initial yearly increment is: a) Rs.65/- b) Rs.70/- c) Rs.80/- d) Rs.75/- Ans: b) (RSRPR'97)
93	RSRPR'97 took effect from: a) 1.1.97 b) 1.7.97 c) 1.1.96 d) 1.7.96 Ans c)
94	Which is the highest basic pay emphasized in RSRPR'97? a) Rs.30,000/- b) Rs.28,800/- c) Rs.28,000/- d) Rs.26,000/- Ans: d) (RSRPR'97)
95	What is the initial increment in scale Rs.3050-4590/- ? a) Rs.55/- b) Rs.65/- c) Rs.75/- d) Rs.80/- Ans: c) (RSRPR'97)
96	A person appointed in Sports Quota having gold medal winning performance in Senior National Level in scale Rs.3050-4590/-. His pay will be fixed in: - a) Rs.4590/- b) Rs.5000/- c) Rs.3875/- d) Rs.4350/- Ans: c) (Estt. Srl. No.128/2000)
97	What will be the fixation of pay of a person having medal winning performance in Olympic games and appointed in scale Rs.6500-10500/-? a) Rs.6500/- b) Rs.8100/- c) Rs.9500/- d) Rs.10500/-

	Ans: b) (Estt. Srl. No.128/2000)
98	<p>In Scale Rs.4500-7000/- in Talent Scouting recruitment for outstanding performance, fixation of pay permitted upto maximum of:</p> <p>a) Rs.4625/- b) Rs.4750/- c) Rs.4875/- d) Rs.5000/-</p> <p>Ans: c) (Estt. Srl. No.128/2000)</p>
99	<p>How many increment(s) will be given to an employee for gold medal winning performance during the National Championship?</p> <p>a) 7 b) 5 c) 4 d) 2</p> <p>Ans: d) (Estt. Srl. No.128/2000)</p>
100	<p>Who is the advising authority for granting increment for Excellence at National Level?</p> <p>a) GM b) Finance Commissioner c) Railway Board d) None of the above</p> <p>Ans: c) (Estt. Srl. No.128/2000)</p>
101	<p>What will be the fixation of pay at initial recruitment in scale Rs.5500-9000/- of a person having consistent gold medal winning performance in Senior International meets on more than two occasions and also consistent gold medal winning performance at Senior National Level?</p> <p>a) Rs.9000/- b) Rs.8125/- c) Rs.7075/- d) Rs.6375/-</p> <p>Ans: d)</p>

प्रश्न बैंक राजभाषा

प्रश्न 1. संसदीय राजभाषा समिति की कौन सी उप समिति रेल कार्यालयों का निरीक्षण करती है ?

- (क) तीसरी
- (ख) दूसरी *
- (ग) पहली
- (घ) कोई नहीं.

प्रश्न 2. संसदीय राजभाषा समिति में कुल कितने सदस्य होते हैं ?

- (क) 10
- (ख) 16
- (ग) 30 *
- (घ) 20

प्रश्न 3. संसदीय राजभाषा समिति में लोक सभा के कुल कितने सदस्य होते हैं ?

- (क) 20 *
- (ख) 30
- (ग) 16
- (घ) 10

प्रश्न 4. संसदीय राजभाषा समिति में राज्यसभा के कुल कितने सदस्य होते हैं ?

- (क) 8
- (ख) 4
- (ग) 9
- (घ) 10 *

प्रश्न 5. हिंदी दिवस कब मनाया जाता है ?

(क) 18 जून

(ख) 14 सितंबर *

(ग) 14 अक्टूबर

(घ) 15 जनवरी

प्रश्न 6. भारतीय संविधान सभा ने हिंदी को संघ की राजभाषा के रूप में कब अंगीकार किया था ?

(क) 26 जनवरी, 1950

(ख) 14 सितंबर, 1949 *

(ग) 15 मार्च, 1976

(घ) 16 अक्टूबर, 1952

प्रश्न 7. भारतीय संविधान के किस अनुच्छेद में राजभाषा आयोग के गठन के बारे में प्रावधान है ?

(क) अनुच्छेद 351

(ख) अनुच्छेद 346

(ग) अनुच्छेद 344 *

(घ) अनुच्छेद 120

प्रश्न 8. भारतीय संविधान के किस अनुच्छेद में हिंदी भाषा के विकास का प्रावधान है ?

(क) अनुच्छेद 210

(ख) अनुच्छेद 351 *

(ग) अनुच्छेद 120

(घ) अनुच्छेद 343

प्रश्न 9. भारतीय संघ की राजभाषा के बारे में संविधान के किस अनुच्छेद में प्रावधान किया गया है ?

(क) अनुच्छेद 351

(ख) अनुच्छेद 344

(ग) अनुच्छेद 343 *

(घ) अनुच्छेद 120

प्रश्न 10. भारतीय संविधान की अष्टम अनुसूची में कितनी भाषाएं शामिल हैं ?

(क) 32

(ख) 22 *

(ग) 18

(घ) 15

प्रश्न 11. राजभाषा नियम, 1976 के नियम-12 के अनुसार केंद्र सरकार के कार्यालयों में राजभाषा अधिनियम व नियमों का अनुपालन सुनिश्चित कराने की जिम्मेदारी किसकी है ?

(क) कर्मचारी

(ख) अधिकारी व कर्मचारी

(ग) राजभाषा अधिकारी

(घ) कार्यालय का प्रशासनिक प्रधान *

प्रश्न 12. धारा 3(3) के अंतर्गत जारी किए जाने वाले कागजात किन-किन भाषाओं में जारी किए जाते हैं ?

(क) हिंदी-उर्दू

(ख) हिंदी-अंग्रेजी *

(ग) हिंदी-पंजाबी

(घ) अंग्रेजी-तमिल

प्रश्न 13. धारा 3(3) के अंतर्गत जारी किए जाने वाले कागजातों को हिंदी-अंग्रेजी दोनों भाषाओं में जारी करने का उत्तरदायित्व किसका है ?

कार्यालय प्रधान का

(ख) राजभाषा अधिकारी का

(ग) कागजात बनाने वाले कर्मचारी का

(घ) कागजात पर हस्ताक्षर करने वाले अधिकारी का *

प्रश्न 14. संसदीय राजभाषा समिति का गठन राजभाषा अधिनियम, 1963 (यथासंशोधित 1967) की किस धारा के तहत किया गया है ?

(क) धारा 7

(ख) धारा 3

(ग) धारा 4 *

(घ) धारा 8

प्रश्न 15. संसद के दोनों सदनों द्वारा राजभाषा संकल्प किस वर्ष में पारित किया गया ?

(क) 1950

(ख) 1956

(ग) 1968 *

(घ) 1976

प्रश्न 16. रेलवे बोर्ड द्वारा काव्य लेखन के लिए कौन सा पुरस्कार प्रदान किया जाता है ?

(क) प्रेमचंद

(ख) मैथिलीशरण गुप्त *

(ग) राजीव गांधी

(घ) लाल बहादुर शास्त्री

प्रश्न 17. रेलवे बोर्ड द्वारा कथा-कहानी, उपन्यास लेखन के लिए कौन सा पुरस्कार प्रदान किया जाता है ?

(क) प्रेमचंद *

(ख) लाल बहादुर शास्त्री

(ग) मैथिलीशरण गुप्त

(घ) राजीव गांधी

प्रश्न 18. रेलवे बोर्ड द्वारा तकनीकी रेल विषयों पर हिंदी लेखन के लिए कौन सा पुरस्कार प्रदान किया जाता है ?

(क) राजीव गांधी

(ख) मैथिलीशरण गुप्त

(ग) लाल बहादुर शास्त्री *

(घ) प्रेमचंद

प्रश्न 19. रेल मंत्रालय द्वारा चलाई जा रही उस पुरस्कार योजना का नाम बताएं जो आम जनता और रेलकर्मियों दोनों के लिए उनके रेल यात्रा के दौरान हुए अनुभव को हिंदी में लिखने के लिए चलाई गई है ?

(क) रेल हिंदी निबंध पुरस्कार योजना

(ख) रेल यात्रा वृत्तांत पुरस्कार योजना *

(ग) राजभाषा गौरव पुरस्कार

(घ) राजीव गांधी पुरस्कार योजना

प्रश्न 20. राजभाषा गौरव पुरस्कार योजना किस मंत्रालय द्वारा संचालित की जाती है ?

(क) रेल मंत्रालय

(ख) गृह मंत्रालय *

(ग) रक्षा मंत्रालय

(घ) वित्त मंत्रालय

प्रश्न 21. राजभाषा नियम, 1976 के संदर्भ में भाषिक क्षेत्र के हिसाब से अंडमान निकोबार द्वीप समूह किस क्षेत्र के अंतर्गत आता है ?

(क) क क्षेत्र *

(ख) ख क्षेत्र

(ग) ग क्षेत्र

(घ) इनमें से कोई नहीं

प्रश्न 22. राजभाषा नियम, 1976 के संदर्भ में भाषिक क्षेत्र के हिसाब से दमण और दीप समूह किस क्षेत्र के अंतर्गत आता है ?

(क) क क्षेत्र

(ख) ख क्षेत्र *

(ग) ग क्षेत्र

(घ) इनमें से कोई नहीं

प्रश्न 23. राजभाषा नियम, 1976 के संदर्भ में भाषिक क्षेत्र के हिसाब से चंडीगढ़ किस क्षेत्र के अंतर्गत आता है ?

(क) क क्षेत्र

(ख) ख क्षेत्र *

(ग) ग क्षेत्र

(घ) इनमें से कोई नहीं

प्रश्न 24. राजभाषा नियम, 1976 के संदर्भ में भाषिक क्षेत्र के हिसाब से नागालैंड किस क्षेत्र के अंतर्गत आता है ?

(क) क क्षेत्र

(ख) ख क्षेत्र

(ग) ग क्षेत्र *

(घ) इनमें से कोई नहीं

प्रश्न 25. राजभाषा नियम, 1976 के संदर्भ में भाषिक क्षेत्र के हिसाब से हिमाचल प्रदेश किस क्षेत्र के अंतर्गत आता है ?

(क) क क्षेत्र *

(ख) ख क्षेत्र

(ग) ग क्षेत्र

(घ) इनमें से कोई नहीं

प्रश्न 26. किसी कार्यालय को कितने प्रतिशत अधिकारी/कर्मचारियों के हिंदी का कार्यसाधक ज्ञान रखने पर अधिसूचित किया जा सकता है ?

(क) 100%

(ख) 80% *

(ग) 60%

(घ) 50%

प्रश्न 27. राजभाषा नियम, 1976 के किस नियम के तहत किसी कार्यालय को हिंदी में काम करने के लिए अधिसूचित किया जा सकता है ?

(क) 8(4)

(ख) 7(2)

(ग) 10(4) *

(घ) 12

प्रश्न 28. राजभाषा नियम, 1976 के नियम 5 के अंतर्गत क्या प्रावधान है ?

(क) अंग्रेजी में प्राप्त पत्रों के उत्तर हिंदी में देना

(ख) हिंदी में प्राप्त पत्रों के उत्तर हिंदी में देना *

(ग) हिंदी में प्राप्त पत्रों के उत्तर अंग्रेजी में देना

(घ) मूल पत्राचार हिंदी में करना

प्रश्न 29. उत्तर रेलवे प्रधान कार्यालय में गठित क्षेत्रीय राजभाषा कार्यान्वयन समिति की वर्ष में कितनी बैठकें आयोजित की जाती हैं ?

(क) 04 *

(ख) 03

(ग) 02

(घ) 01

प्रश्न 30. उत्तर रेलवे प्रधान कार्यालय में गठित क्षेत्रीय राजभाषा कार्यान्वयन समिति का अध्यक्ष कौन होता है ?

(क) मुख्य कार्मिक अधिकारी

(ख) महाप्रबंधक *

(ग) मुख्य राजभाषा अधिकारी

(घ) मुख्य सुरक्षा आयुक्त

प्रश्न 31. राजभाषा पखवाड़े का आयोजन किस माह में किया जाता है ?

(क) जून

(ख) सितंबर *

(ग) जुलाई

(घ) दिसंबर

प्रश्न 32. राजभाषा नियम, 1976 के नियम 11 के अनुसार मैनुअल, संहिताएं, प्रक्रिया संबंधी अन्य साहित्य, लेखन सामग्री आदि किन-किन भाषाओं में होनी चाहिए ?

(क) हिंदी-अंग्रेजी *

(ख) केवल अंग्रेजी

(ग) केवल हिंदी

(घ) हिंदी-उर्दू

प्रश्न 33. राजभाषा नियम, 1976 के अनुसार रजिस्ट्रारों में प्रविष्टियां किस भाषा में की जानी चाहिए?

(क) अंग्रेजी

(ख) हिंदी *

(ग) उर्दू

(घ) पंजाबी

प्रश्न 34. 9वां विश्व हिंदी सम्मेलन वर्ष 2012 में कहां आयोजित किया गया था ?

(क) न्यूयार्क

(ख) जोहांसवर्ग *

(ग) टोकियो

(घ) बीजिंग

प्रश्न 35. क क्षेत्र में स्थित केंद्र सरकार के कार्यालय से क क्षेत्र में स्थित राज्य सरकार के कार्यालय को हिंदी में मूल पत्राचार का लक्ष्य क्या है ?

(क) 65%

(ख) 55%

(ग) 100% *

(घ) 90%

प्रश्न 36. भारतीय संविधान की अष्टम अनुसूची में इनमें से कौन सी भाषा शामिल नहीं है ?

(क) सिंधी

(ख) नेपाली

(ग) अंग्रेजी *

(घ) मणिपुरी

प्रश्न 37. राजभाषा कार्यान्वयन के लिए राजभाषा लक्ष्यों के अनुपालन हेतु प्रतिवर्ष एक वार्षिक कार्यक्रम जारी किया जाता है, इसे किस मंत्रालय द्वारा जारी किया जाता है ?

(क) रेल मंत्रालय

(ख) रक्षा मंत्रालय

(ग) गृह मंत्रालय *

(घ) वित्त मंत्रालय

प्रश्न 38. संघ की राजभाषा हिंदी की लिपि क्या है ?

(क) ब्रह्मी

(ख) रोमन

(ग) देवनागरी *

(घ) इनमें से कोई नहीं

प्रश्न 39. केंद्र सरकार के कार्यालयों में रबड़ की मुहरें किन-किन भाषाओं में होनी चाहिए ?

(क) हिंदी में

(ख) अंग्रेजी में

(ग) हिंदी-अंग्रेजी में *

(घ) प्रान्तीय भाषा में

प्रश्न 40. रेलमंत्री हिंदी निबंध प्रतियोगिता के अंतर्गत कितने पुरस्कार दिए जाते हैं

(क) 04 *

(ख) 06

(ग) 08

(घ) 10

प्रश्न 41. अंग्रेजी आशुलिपिकों को हिंदी में कार्य करने पर प्रतिमाह कितने रुपये का मानदेय दिया जाता है ?

(क) 120

(ख) 240

(ग) 150

(घ) 210

प्रश्न 42. मुख्य राजभाषा अधिकारी का नामन कितनी अवधि के लिए किया जाता है ?

(क) 02 वर्ष

(ख) 01 वर्ष

(ग) 04 वर्ष

(घ) 03 वर्ष

प्रश्न 43. मंडल राजभाषा कार्यान्वयन समिति का अध्यक्ष कौन होता है ?

(क) मंडल रेल प्रबंधक

(ख) अपर मंडल रेल प्रबंधक

(ग) राजभाषा अधिकारी

(घ) वरिष्ठ मंडल कार्मिक अधिकारी

प्रश्न 44. हिंदी पुस्तकालय का कार्य देखने के लिए अंशकालिक पुस्तकाध्यक्ष को प्रतिमाह कितने रुपये का मानदेय दिया जाता है ?

(क) 300 रुपये

(ख) 400 रुपये

(ग) 500 रुपये

(घ) 200 रु.

प्रश्न 45. हिंदी आशुलिपि का प्रशिक्षण किसके लिए अनिवार्य है ?

(क) हिंदी आशुलिपिक

(ख) अंग्रेजी आशुलिपिक

(ग) लिपिक

(घ) कार्यालय अधीक्षक

प्रश्न 46. रेलवे बोर्ड राजभाषा कार्यान्वयन समिति की बैठक किसकी अध्यक्षता में आयोजित की जाती है ?

(क) अध्यक्ष रेलवे बोर्ड

(ख) सदस्य कार्मिक

(ग) रेलमंत्री

(घ) निदेशक/राजभाषा

प्रश्न 47. रेलवे हिंदी सलाहकार समिति की वर्ष में कितनी बैठकें आयोजित की जाती हैं ?

(क) 02

(ख) 03

(ग) 04

(घ) 01

प्रश्न 48. रेलवे हिंदी सलाहकार समिति की बैठक किसकी अध्यक्षता में आयोजित की जाती है ?

(क) अध्यक्ष रेलवे बोर्ड

(ख) सदस्य कार्मिक

(ग) रेलमंत्री (घ) निदेशक/राजभाषा

प्रश्न 49. रेलवे स्टेशनों के प्लेटफार्मों के दोनों सिरों पर लगे स्टेशन नाम पट्टों पर लिखी जाने वाली भाषाओं का ऊपर से नीचे क्रम क्या होना चाहिए ?

अंग्रेजी-हिंदी प्रांतीय भाषा

(ख) प्रांतीय भाषा-हिंदी-अंग्रेजी

(ग) प्रांतीय भाषा-अंग्रेजी-हिंदी

(घ) हिंदी-प्रांतीय भाषा

प्रश्न 50. राजभाषा अधिनियम, 1963 के अनुसार संविदा और करार किन-किन भाषाओं में निष्पादित किए जाने चाहिए ?

(क) प्रांतीय भाषा-अंग्रेजी

(ख) हिंदी-अंग्रेजी

(ग) केवल हिंदी में

(घ) केवल अंग्रेजी में