

Master Key

Central University of Punjab
Recruitment Test
PAPER-I

Question Booklet
Code
A

Candidate Name:

Roll No. Post Applied For **Laboratory Attendant**

Signature of the Candidate:

Time Allowed: 2 Hrs.

Maximum Marks: 100

NOTE: There will be no negative marking

- (1) Which Instrument aids in the detection of the heartbeat?
 - ☒ (a) Stethoscope
 - (b) Thermometer
 - (c) Spirometer
 - (d) Sphygmomanometer
- (2) What does a hygrometer measure?
 - (a) Heat
 - ☒ (b) Humidity
 - (c) Force
 - (d) Radiation
- (3) Which of the following has both direction and magnitude?
 - (a) Mass
 - (b) Distance
 - ☒ (c) Momentum
 - (d) Speed
- (4) Who discovered the law of planetary motion?
 - (a) Galileo
 - (b) Einstein
 - (c) Newton
 - ☒ (d) Kepler
- (5) What is wrong about electron
 - (a) It has negative charge
 - (b) Electron mass less than proton
 - ☒ (c) It occurs inside the nucleus
 - (d) It moves faster than proton
- (6) Object floats on water based on
 - (a) Newton's third law of motion
 - (b) Hooke's law
 - ☒ (c) Archimedes Principle
 - ☒ (d) Faraday's law
- (7) In which situation the molecular attraction is very strong
 - ☒ (a) Solid
 - (b) Fluid
 - (c) The Gas
 - (d) Steam
- (8) What is the lowest frequency of the sound that can be heard by human beings?
 - (a) 50 Hz
 - (b) 500 Hz
 - ☒ (c) 20 Hz
 - (d) 10 Hz
- (9) The primary colours used in displays are
 - (a) Green, Yellow, Red
 - (b) Red, Yellow, Blue
 - ☒ (c) Red, Green, Blue
 - (d) Blue, Yellow, Green
- (10) Who discovered prism light?
 - (a) Einstein
 - (b) Young
 - (c) Galileo
 - ☒ (d) Issac Newton
- (11) Rusting of iron is a common example of which
 - (a) Physical Change
 - (b) Exothermic Change
 - (c) Heat Change
 - ☒ (d) Chemical Change
- (12) Which metal is used in solar panel?
 - (a) Gold
 - ☒ (b) Silicon
 - (c) Silver
 - (d) Copper
- (13) What is the process of separating hydrogen from water called?
 - ☒ (a) Electrolysis
 - (b) Osmosis
 - (c) Ozonation
 - (d) Oxidation
- (14) Which of following atoms has large mass
 - (a) H
 - (b) He
 - (c) Li
 - ☒ (d) Na
- (15) The most commonly used bleaching agent is
 - (a) Alcohol
 - (b) Carbon dioxide
 - ☒ (c) Chlorine
 - (d) Sodium chlorine
- (16) How is the atomic number of an element determined?
 - (a) The number of electrons in an atom
 - (b) The number of neutrons in an atom
 - (c) Valency of element
 - ☒ (d) Number of protons in atom
- (17) Atoms with the same mass number but different atomic numbers are known as..
 - (a) Isotope
 - (b) Isotone
 - (c) Nucleon
 - ☒ (d) Isobar
- (18) If the pH value of river water is then water is considered polluted with acidic water
 - (a) Exactly 7
 - (b) Zero
 - (c) Above 7
 - ☒ (d) Below 7
- (19) According to Mendeleev, the properties of elements are the periodic function of their
 - ☒ (a) Atomic masses
 - (b) Atomic number
 - (c) Reacting of elements
 - (d) Atomic radius
- (20) Argon is a commonly used gas to fill incandescent lamps because
 - (a) Lightest
 - ☒ (b) Inert
 - (c) Abundant
 - (d) Reactive

- (21) The study of cells is called.....
 (a) Serology
 (b) Cytoplasm
☒ (c) Cytology
 (d) Etiologic
- (22) Which molecule is known as the energy currency of the cell
 (a) Glucose
 (b) ATP
☒ (c) ADP
 (d) Pyruvic acid
- (23) Which of the following pigments are responsible to determine the colours of fruits and vegetables?
 (a) Hemocyanin
 (b) Merocyanine
 (c) Indocyanine
☒ (d) Anthocyanin
- (24) What is tissue?
 (a) Cells which are similar in origin but dissimilar in form and function
 (b) Cells that are dissimilar in origins but similar in appearance and function
 (c) Cells which are dissimilar in form and function
☒ (d) Cells which are similar in origin, form and function
- (25) Outermost layer of human body skin is called..
 (a) Sclera
 (b) Endodermis
☒ (c) Epidermis
 (d) Hypodermis
- (26) Which of the following is milk protein
☒ (a) Casein
 (b) Galactose
 (c) Renin
 (d) Glycine
- (27) Hair Colour is determined by....
 (a) Papstein
☒ (b) Melanin
 (c) Keratin
 (d) Carotene
- (28) Enzymes are basically....
☒ (a) Protein
 (b) Vitamin
 (c) Carbohydrate
 (d) Fat
- (29) The Author of the book 'Origin of Species' is....
 (a) De Lamark
 (b) Johan Burdon
☒ (c) Charles Darwin
 (d) Carl Linnaeus
- (30) Insects breathe through...
 (a) Lungs
 (b) Skin
 (c) Gills
☒ (d) Spiracles
- (31) A microphone converts...
 (a) Mechanical energy into sound energy
☒ (b) Sound energy into electrical energy
 (c) Electrical energy into sound energy
 (d) Sound energy into mechanical energy
- (32) In computer language 'MHz' is associated with
☒ (a) Processing speed
 (b) Memory size
 (c) Computation speed
 (d) None them
- (33) Who invented Bluetooth
 (a) Charles Simonyi
☒ (b) Jaap Hartson
 (c) Paul Allen
 (d) Bill gates
- (34) What type of devices are computer speakers or headphone?
 (a) Software
 (b) Storage
 (c) Input
☒ (d) Output
- (35) How many bytes are equal in 1 kilobytes
☒ (a) 1024 bytes
 (b) 1048 bytes
 (c) 1012 bytes
 (d) 1042 bytes
- (36) Which is primary memory of a computer
 (a) HDD
☒ (b) RAM
 (c) DVD
 (d) SSD
- (37) The full form of MB is
 (a) Micro byte
 (b) Mini byte
 (c) Macro byte
☒ (d) Mega byte
- (38) Which of the following is not a machine language?
 (a) C++
 (b) C
 (c) Java
☒ (d) Excel
- (39) Which term is not related with internet
 (a) Server
 (b) www
 (c) web browser
☒ (d) Remote
- (40) Full form of MMU is
 (a) Machine memory unit
☒ (b) Memory management unit
 (c) Main memory unit
 (d) Machine management unit
- (41) What will be next in sequence 1, 4, 9, 16,....
 (a) 19
 (b) 20
☒ (c) 25

- (d) 26
- (42) The total of triangle is
- (a) 90 degrees
 - (b) 120 degrees
 - ☒ (c) 180 degrees
 - (d) 360 degrees
- (43) How many days are in a leap year ?
- (a) 364
 - (b) 365
 - ☒ (c) 366
 - (d) 367
- (44) Solve $196 - 19.6 - 1.96 - 0.196 = \dots$
- (a) 173.254
 - (b) 178.2234
 - (c) 174.234
 - ☒ (d) 174.244
- (45) 20 percent of 48 is...
- (a) 9.8
 - ☒ (b) 9.6
 - (c) 9.4
 - (d) 9.3
- (46) Which one is not used to measure distance?
- (a) Meter
 - (b) Centimetre
 - (c) Micrometre
 - ☒ (d) Millimetre
- (47) Mole is unit of...
- ☒ (a) Matter of quantity
 - (b) Current
 - (c) Voltage
 - (d) Mass
- (48) If 9 and 8 perform following mathematical operation which has large value...
- ☒ (a) Multiplication
 - (b) Addition
 - (c) Subtraction
 - (d) Division
- (49) Which one belongs to a circle?
- (a) Radius
 - (b) Diameter
 - (c) Angle
 - ☒ (d) All of above
- (50) The least count of Vernier scale is...
- ☒ (a) 0.1 cm
 - (b) 0.01 cm
 - (c) 1 cm
 - (d) 0.001 cm
- (51) On which network was the first sms sent
- (a) Airtel
 - ☒ (b) Vodafone
 - (c) Verizon
 - (d) Digicel
- (52) Which of the following is used as video compression?
- ☒ (a) Wmv
 - (b) Mps
 - (c) JPEG
 - (d) WMA
- (53) Which is not related with social media
- (a) Facebook
 - (b) WhatsApp
 - (c) LinkedIn
 - ☒ (d) Turnitin
- (54) Process of transferring money through mobile is called
- (a) NEFT
 - (b) ECS
 - ☒ (c) IMPS
 - (d) RTGS
- (55) Area wise largest State of India is?
- ☒ (a) Rajasthan
 - (b) Madhya Pradesh
 - (c) Maharashtra
 - (d) Uttar Pradesh
- (56) Deforestation broadly decreases
- (a) Soil erosion
 - ☒ (b) Rainfall
 - (c) Drought
 - (d) Global warming
- (57) The approach to development that combines the economic growth and ecological responsibilities is known as
- ☒ (a) Sustainable development
 - (b) Human development
 - (c) Economic development
 - (d) Social development
- (58) Madhav National park is located in which state?
- ☒ (a) Madhya Pradesh
 - (b) Uttar Pradesh
 - (c) Rajasthan
 - (d) Jharkhand
- (59) What is important for science labs?
- (a) Experiment manual
 - (b) Cleaning of instrument
 - (c) Stable power supply
 - ☒ (d) All of the above
- (60) Temperature cannot be measured by....
- (a) Thermometer
 - (b) Thermo couple
 - (c) Pyrometer
 - ☒ (d) Galvanometer
- (61) What is required for optical experiment lab?
- (a) Prism
 - (b) Mirror
 - (c) Dark room
 - ☒ (d) All of the above
- (62) An experiment performed with nitric acid is basically in which lab experiment?
- (a) Physics lab
 - (b) Maths lab
 - ☒ (c) Chemistry lab
 - (d) Language lab

- (63) Which term is not related with biology lab?
 (a) Study of tissues
 (b) Study of cell
 (c) Study of fungi
 ✓ (d) Study of solar distance
- (64) Which term is not related with mathematics exercise
 (a) Calculator
 (b) Abacus
 (c) Trigonometry
 ✓ (d) Ohm's law
- (65) Which software is related with type work in computer
 ✓ (a) MS office
 (b) Power Point
 (c) Wi-fi
 (d) Multimedia
- (66) Snickometer is associated with which sports?
 (a) Base ball
 (b) Football
 ✓ (c) Cricket
 (d) Hockey
- (67) Which law is directly related with most of the sports
 ✓ (a) Newton's Third Law
 (b) Kepler Law
 (c) Ohms Law
 (d) Charles Law
- (68) Which state has the largest irrigated land in India?
 ✓ (a) Uttar Pradesh
 (b) Madhya Pradesh
 (c) Tamil Nadu
 (d) Andhra Pradesh
- (69) Indian Space Research is connected with...
 (a) NPL
 (b) NASA
 ✓ (c) ISRO
 (d) BARC
- (70) Google Maps is basically based on
 ✓ (a) GPS
 (b) IRS
 (c) TCS
 (d) WAL
- (71) Which light source is more intense
 (a) Ordinary bulb
 ✓ (b) Laser
 (c) CFL
 (d) LED
- (72) Which does help to medical science
 (a) MRI
 (b) CT scan
 (c) X-Ray
 ✓ (d) All of above
- (73) What is sign for electric saving
 (a) Circle
 ✓ (b) Star
 (c) Dot
 (d) None of them
- (74) Which energy source is known as green energy source
 (a) Diesel
 (b) Petrol
 ✓ (c) Solar Energy
 (d) Atomic Energy
- (75) India has a good potential in the field of
 (a) Atomic Energy
 (b) Petrochemicals
 ✓ (c) Solar energy
 (d) None of them
- (76) Solar panel converts:
 ✓ (a) Sun light to electric
 (b) Sun light to chemical
 (c) Sun light to reflected light
 (d) None of them
- (77) You were supposed _____ for our permission.
 ✓ (a) to ask
 (b) asking
 (c) ask
 (d) take
- (78) Select the correct spelling
 (a) Airthmetic
 (b) Aritematic
 ✓ (c) Arithmetic
 (d) Arithemat
- (79) The rose issweetest of all flowers.
 (a) x
 (b) a
 (c) an
 ✓ (d) the
- (80) I am writing the essay blue ink.
 (a) with
 ✓ (b) in
 (c) by
 (d) at
- (81) Translate this passage english
 (a) to
 (b) in
 (c) on
 ✓ (d) into
- (82) Find the synonyms of efficiency.
 ✓ (a) Capability
 (b) Tendency
 (c) Fluency
 (d) Disability

- (83) Which tense do the following sentence belong to: "It was very cold"
- ☒ (a) past simple
☐ (b) past perfect
☐ (c) past continuous
☐ (d) post perfect continuous
- (84) books are mine
- ☒ (a) These
☐ (b) That
☐ (c) A
☐ (d) An
- (85) His father is M.L.A.
- ☐ (a) A
☐ (b) The
☒ (c) An
☐ (d) None of these
- (86) उत्साह किस रस का स्थायी भाव है।
- ☐ (a) अद्भुत रस
☐ (b) हास्य रस
☐ (c) रौद्र रस
☒ (d) वीर रस
- (87) द्वन्द्व समास का उदाहारण नहीं है।
- ☐ (a) रात - दिन
☒ (b) दिन - चर्या
☐ (c) बेटा - बेटी
☐ (d) नया - पुराना
- (88) आस्तीन का साँप मुहावरे का अर्थ है।
- ☐ (a) बहाना करना
☒ (b) कपटी मित्र
☐ (c) कसर न छोड़ना
☐ (d) बुरा साँप
- (89) इत्यादि का सही संधि विच्छेद है
- ☐ (a) इत + यादि
☐ (b) इति + यादि
☐ (c) इत् + आदि
☒ (d) इति + आदि
- (90) Complete the code B : 8 :: C : ?
- ☒ (a) 27
☐ (b) 100
☐ (c) 24
☐ (d) 11
- (91) If EAR = 235, TEAK = 7238 then find KARATE
- ☐ (a) 827535
☐ (b) 837652
☐ (c) 535872
☒ (d) 835372
- (92) If CAB= 312, ACE=135 then find the code for BAE
- ☐ (a) 532
☒ (b) 215
☐ (c) 512
☐ (d) 235
- (93) Which number is not square value of any number
- ☐ (a) 121
☐ (b) 144
☐ (c) 169
☒ (d) 183
- (94) Find the odd one
- ☐ (a) 400
☒ (b) 225
☐ (c) 144
☐ (d) 196
- (95) Find the next term of series 75, 81, 88, 96
- ☒ (a) 105
☐ (b) 115
☐ (c) 110
☐ (d) 104
- (96) According to dictionary, which of the following word will come at second position.
- ☒ (a) Easily
☐ (b) Earmark
☐ (c) Fase
☐ (d) Earthy
- (97) Select the odd number pair from the given alternatives.
- ☐ (a) 4-12
☐ (b) 5-15
☐ (c) 6-18
☒ (d) 9-29
- (98) In the following question select the related word from the given alternatives Calculator : calculation :: Scale : ?
- ☐ (a) Inches
☒ (b) Measure
☐ (c) Steel
☐ (d) Centimetre
- (99) M is taller than S, S is shorter than N, S is taller than P and N is shorter than Q. Who is the shortest?
- ☐ (a) N
☒ (b) P
☐ (c) S
☐ (d) M
- (100) What was the day on 2 October, 2010
- ☐ (a) Friday
☐ (b) Monday
☒ (c) Saturday
☐ (d) Sunday

Lab attendant					
Q	Answer	Q	Answer	Q	Answer
1	A	36	B	71	B
2	B	37	D	72	D
3	C	38	D	73	B
4	D	39	D	74	C
5	C	40	B	75	C
6	C	41	C	76	A
7	A	42	C	77	A
8	C	43	C	78	C
9	C	44	D	79	D
10	D	45	B	80	B
11	D	46	D	81	D
12	B	47	A	82	A
13	A	48	A	83	A
14	D	49	D	84	A
15	C	50	A	85	C
16	D	51	B	86	D
17	D	52	A	87	B
18	D	53	D	88	B
19	A	54	C	89	D
20	B	55	A	90	A
21	C	56	B	91	D
22	C	57	A	92	B
23	D	58	A	93	D
24	D	59	D	94	B
25	C	60	D	95	A
26	A	61	D	96	A
27	B	62	C	97	D
28	A	63	D	98	B
29	C	64	D	99	B
30	D	65	A	100	C
31	B	66	C		
32	A	67	A		
33	B	68	A		
34	D	69	C		
35	A	70	A		