

# SINDH UNIVERSITY JAMSHORO

## PasT Paper Session: 2019

### PART-1:-ENGLISH

➤ Choose The Correct SYNONYMS:

Q1:- ECHO

- (a) Song       REPITITION OF SOUND      (c) Building      (d) Bird

Q2:- EVADE

- (a) Capture      (b) Convicted       AVOID      (d) Seize

Q3:- CONTRADICT

- (a) Clear      (b) Confine      (c) Deplore       OPPOSE

Q4:- DENOUNCE

- (a) Decrease      (b) Tricky       CRITICIZE      (d) Copied

Q5:- DELINEATE

- (a) Ridicule      (b) Harmful       DESCRIBE      (d) Carefulness

Q6:- DETACHED

- (a) Distribute      (b) Disregard      (c) Reveal       DISCONNECTED

Q7:- PREDICT

- (a) Expect       DECLARE      (c) Power      (d) Convict

Q8:- DEVISE

- (a) Sharp       PLAN      (c) Difference      (d) Sensitive

Q9:- BLOOMING

- (a) Fading      (b) Quiet      (c) Tasty       FLOWERING

Q10:- GALLANT

- BOLD      (b) Fine      (c) Frolic      (d) Coward

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➤ Choose The Correct PREPOSITIONS:

Q11:- The bank does not open \_\_\_\_\_ 10 am.

- (a) For (b) Still  UNTIL (d) Just

Q12:- were you \_\_\_\_\_ time for your appointment? Or were you late?

- (a) To (b) At (c) Of  ON

Q13:- Throw the ball \_\_\_\_\_ Athar, please.

- (a) Next  TO (c) Beneath (d) Against

Q14:- What's that book \_\_\_\_\_?

- ABOUT (b) To (c) From (d) Of

Q15:- we need some sugar, we are almost completely \_\_\_\_\_ it.

- (a) Out  OUT OF (c) Over (d) Through

➤ Choose The Correct SPELLINGS:-

Q16:-

- (a) Europian (b) Uropion (c) Eurapeon  EUROPEAN

Q17:-

- VOCABULARY (b) Vocablury (c) Vocabilory (d) Vocabliry

Q18:-

- (a) Developement (b) Devolupment  DEVELOPMENT (d) Davolapment

Q19:-

- (a) Columinist  COLUMNIST (c) Collamist (d) Columist

Q20:-

- (a) Disciplenory (b) Disiplanory  DISCIPLINARY (d) Desiplenary

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## ➤ Choose The Correct CORRECT OPTIONS:

Q21:- Every one \_\_\_\_\_ Albinos has a certain amount of pigment in the skin to add color.

- (a) Without (b) Not (c) That  BUT

Q22:- The good Earth, \_\_\_\_\_, is a novel set in China.

- (a) Which by Pearl Buck  Which was written by Pearl Buck.  
 (c) was written by Pearl Buck (d) Pearl Buck being the one who wrote

Q23:- There are three kinds of Solar eclipse; One is total, another is annular, \_\_\_\_\_.

- (a) The partial is other (b) Other is partial (c) The other is partial  The another is partial

Q24:- Many chemicals react \_\_\_\_\_ in acid solutions.

- More Quickly (b) As Quickly More (c) More Quick (d) Quicklier

Q25:- Most stores in large American cities close \_\_\_\_\_ five or six O'clock on week days, but the malls in the suburbs stay open much later.

- (a) In  AT (c) Until (d) On

## ➤ Find The ERRORS:

Q26:- According to many educators, television should not become a replacement for good  
 . (a) (b) (c)

teachers and neither are computers.

Q27:- Fewer babies born with defects because of advances in parental care during this  
 .  (b) (c) (d)

decade.

Q28:- A progress has been made towards finding a cure for aids.  
 .  (b) (c) (d)

Q29:- The first living structures to appear on Earth, thousands of years ago were alike  
 . (a) (b) (c)

viruses.

Q30:- Many diseases associated with aging many result from to eat an unbalanced diet.  
 . (a) (b)  (d)

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**PART-2:- GENERAL KNOWLEDGE**

**Q31:-** Area wise the world's largest enclosed body of water on Earth is?

- (a) Dead Sea                      (b) Sea of Japan                       **Caspian Sea**                      (d) Red Sea

**Q32:-** In terms of cellular phone text messaging, SMS stands for?

**Ans:- Short Message Service.**

**Q33:-** The author of the book, "Whither Pakistan: Dictatorship or Democracy" is?

**Ans:- Mohtarma Banazir Bhutto (Shaheed).**

**Q34:-** "Taj Mahal" was built by Mughal Emperor Shah Jahan in memory of his favorite wife?

**Ans:- Mumtaz Mahal.**

**Q35:-** The official language of Iran is?

**Ans:- Persian.**

**Q36:-** Which of the districts of Sindh is popular for "Mango" cultivation?

**Ans:- Mirpurkhas.**

**Q37:-** Karachi is located in the?

- (a) North of Pakistan                       **South Of Pak:**                      (c) East of Pakistan                      (d) West of Pakistan

**Q38:-** The Lahore resolution was presented by A.k Fazal Haq in the year of?

**Ans:- 1940**

**Q39:-** The currency of China is?

**Ans:- Yuan.**

**Q40:-** The Arabian sea is part of the?

- (a) Pacific Ocean                      (b) Atlantic Ocean                      (c) Arctic Ocean                       **Indian Ocean**

**Q41:-** "Daata Ganj Bakhsh" is title of?

**Ans:- Shaikh Ali Bin Usman Al-Hajveri.**

**Q42:-** The capital of USA is?

**Ans:- Washington D.C**

**Q43:-** The battle of Uhd took place in?

**Ans:- 625 AD.**

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Q44:- Oyster Rocks, a series of Islands are located in?

- (a) Jiwani (b) Pasni (c) Thatta  Karachi

Q45:- The famous "Leaning Tower Of Pisa" is located in?

Ans:- Italy.

Q46:- The numbers Emirates which comprise the United Arab Emirates (UAE) is?

Ans:- Seven.

Q47:- The Capital of Yemen is?

Ans:- Sanaa.

Q48:- N.A.M stands for?

Ans:- Non-Aligned Movement.

Q49:- The full name of "Tipu Sultan" was?

Ans:- Sultan Fateh Ali Tipu.

Q50:- The oldest University of Pakistan is?

Ans:- University Of Punjab, Lahore.

### PART-3:- GENERAL SCIENCE

Q51:- What is the temperature of the dead human body on Celsius scale?

- (a) 65°C (b) 90°C (c) 0°C  According to temperature around the body

Q52:- Which of the following metals is used to make aircraft body?

- Aluminum (b) Silver (c) copper (d) All Of These

Q53:- The chemical formula of Methane gas is?

Ans:- CH<sub>4</sub>

Q54:- In a railway track, two rails are joined end to end with a small gap between them because ?

- (a) Steel can be saved  
 Accidents due to expansion in summer can be avoided  
(c) Accidents due to contraction in winter can be avoided  
(d) Air gaps are necessary for bearing the weight of running train

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Q55:- Which of the following is true?

- (a) Drinking polluted water causes malaria.
- (b) The instrument used to measure velocity of wind is barometer.
- (c) Our eye is very sensitive to blue light.

**Sound can not travel through vacuum.**

Q56:- The energy possessed by water in dam is?

**Ans:- Potential Energy.**

Q57:- When a man fires a gun, he is pushed back slightly, due to?

**Ans:- Third Law of Newton.**

Q58:- A balloon filled with hydrogen, rises in the air, because?

- (a) The weight of hydrogen is greater than the weight of the air.
- (b) The weight of hydrogen is equal to the weight of the air.

**The weight of hydrogen is less than the weight of the air.**

- (d) The surface of the balloon is smooth.

Q59:- Which of the following expands on heating?

- (a) Wooden wheels
- (b) Liquids
- Metal Tyre**
- (d) Both a and b

Q60:- It is dangerous to sleep under the trees at night, because?

**Plants give out Carbon Dioxide at night.**

- (b) Plants give out Oxygen at night.
- (c) Plants give out Nitrogen at night.
- (d) Plants give out Hydrogen at night.

Q61:- Which color of clothes is a good reflector of heat?

**Ans:- White Color.**

Q62:- The hardest part of the human body is?

**Ans:- Tooth.**

Q63:- S.I unit for mass is?

**Ans:- Kilogram.**

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Q64:- Which of the following has three hearts?

- Octopus (b) Bat (c) Elephant (d) Lion

Q65:- Which of the following scientists developed the first major Atomic Theory of matter?

- John Dalton (b) Louis Pasteur (c) Isaac Newton (d) Einstein

Q66:- Which of the following is used to make cosmetics?

- (a) Petroleum Jelly  Wax (c) Gasoline (d) Sulphur

Q67:- Which of the following are Cold-blooded vertebrates?

- (a) Sharks (b) Snakes (c) Frogs  All Of These

Q68:- The mass per unit volume is called?

Ans:- Density.

Q69:- "RADAR" is the abbreviation of ?

Ans:- Radio Detection And Ranging Science.

Q70:- Which of planet of the Solar system is the coldest planet?

Ans:- Neptune.

#### PART-4:- SIMPLE ARITHMETIC

Q71:- Which of the following is an irrational number?

- 0.02002000200002... (b) 0.142857142857  
(c) 1.66666666... (d) All Of These

Q72:- Which of the following is true?

- (a)  $\sin^2 45^\circ + \cos^2 45^\circ = 1$  (b)  $\sin^2 45^\circ - \cos^2 45^\circ = 0$   
(c)  $\sin^2 60^\circ + \cos^2 60^\circ = 1$   All Of These

Q73:- A bridge consists of 10 sections; each section is 2.5 meter long. How far is it from the edge of the bridge to the centre?

- (a) 10.5 meters  12.5 meters (c) 15 meters (d) 25 meters

Q74:- There are three 600 ml water bottles. Two are full and the third is  $\frac{2}{3}$ <sup>rd</sup> full. How much total water is there?

- (a) 1000 ml (b) 1800 ml  1600 ml (d) 2000 ml

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**Q75:-** Which of the following is a rational number?

- (a)  $\pi$  (b)  $\sqrt{2}$  (c) 3.129765917723  (d) None Of These

**Q76:-**  $(1000)_2 \times (0010)_2$  is equal to?

- (a) 18  (b) 16 (c) 20 (d) 21

**Q77:-**  $\frac{(((3)^2)^2)^2}{9}$  is equal to?

- (a)  $3^{16}$  (b)  $3^8$   (c)  $3^6$  (d)  $3^2$

**Q78:-**  $\sqrt[4]{256a^4b^4}$  is equal to?

**Ans:-** 4ab

**Q79:-**  $67.5 \times 10^{-9}$  is equal to?

- (a) 0.000000675  (b) 0.0000000675  
(c) 0.00000000675 (d) 0.000000000675

**Q80:-** The Logarithmic form of  $x = a^y$  is?

- (a)  $\log_y x = a$  (b)  $\log_x y = a$  (c)  $\log_x a = y$   (d)  $\log_a x = y$

**Q81:-** The number of solutions of a Quadratic equation  $ax^2 + bx + c = 0$  is?

**Ans:-** 2

**Q82:-** If a student has obtained 60 marks in Physics, 50 marks in Chemistry and 40 marks in English. The average marks of the student are?

**Ans:-** 50

**Q83:-** Athar has a bag with 3 CDs, 4 pencils, 7 books and 1 mango. What is the ratio of CDs to total number of items in the bag?

- (a) 7:4 (b) 3:7 (c) 1:4  (d) 3:15

**Q84:-** What is the total cost, if a Rs.40 item is taxed at 5%?

- (a) 60 (b) 55  (c) 42 (d) 50

**Q85:-**  $20 \times 15 + 12 \div 3$  is equal to?

**Ans:-** 304

**Q86:-** If  $x^3 = 27$ , then  $x$  is equal to?

**Ans:-** 3

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**Q87:-** Athar bought 5 apples at a cost of Rs.5 each. What will be the percentage of discount, if Azhar buys 9 apples at a cost of Rs.4 each?

- (a) 15%                      (b) 25%                       20%                      (d) 10%

**Q88:-** The average of  $\frac{1}{2}$ ,  $\frac{3}{2}$ ,  $\frac{3}{4}$  and  $\frac{5}{4}$  is ?

**Ans:- 1**

**Q89:-** If the price of eight chairs is Rs.2136, then how many chairs can be purchased in Rs.5073?

- 19                      (b) 18                      (c) 17                      (d) 16

**Q90:-** Let  $U$  be a universal set and  $A$  and  $B$  be subsets of  $U$ , which of the following is true according to De-Morgan's Law ?

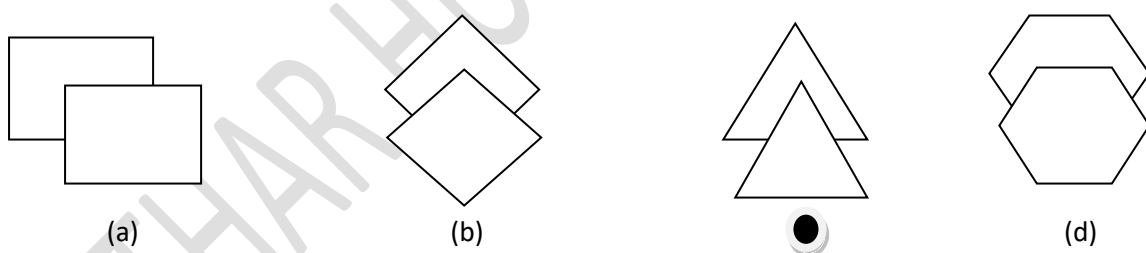
- (a)  $(A \cup B)' = A' \cup B'$                         $(A \cup B)' = A' \cap B'$   
 (c)  $(A \cap B)' = A' \cap B'$                       (d) All Of These

### PART-5:- SIMPLE IQ

**Q91:-** Which of the following letters when suffixed to the words Brow, Ear and Tow makes new words?

- (a) K                      (b) L                      (c) M                       N

**Q92:-** Which of the following diagrams is the odd one out?



**Q93:-** If two typists can type two pages in five minutes, how many typists will take it to type twenty pages in ten minutes?

- (a) 8                       10                      (c) 11                      (d) 14

**Q94:-** At the end of a meeting 10 people shake hands with each other. How many handshakes will there be in total?

- (a) 100                       45                      (c) 20                      (d) 50

**Q95:-** Athar was both 5<sup>th</sup> highest and 5<sup>th</sup> lowest in a race. How many people participated in the race?

- (a) 8                       9                      (c) 10                      (d) 11

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**Q96:-** Some months have 30 days, some months have 31 days, how many months have at least 28 days?

- (a) 4 Months                      (b) 3 Months                      (c) 1 Months                       **All Of These**

**Q97:-** If a doctor gives you 3 pills (Tablets) and tells you to take one pill every half hour. How long would it be before, all the pills have been taken?

- 1 Hour**                      (b) 2 Hours                      (c) 3 Hours                      (d) 4 Hours

**Q98:-** Divided 30 by half and add ten, what you get?

- (a) 25                      (b) 80                       **70**                      (d) 45

**Q99:-** Athar likes 25 but not 24; he likes 400 but not 300; he likes 144 but not 14. Which number would he like from the following?

- (a) 200                      (b) 50                      (c) 10                       **1600**

**Q100:-** Athar has 42 blue socks, 15 red and 24 black in one drawer. It is totally dark in the room and he can not recognize colors. How many socks does he have to take out of drawer into light in order to be sure to have at least two black socks?

- (a) 6                      (b) 9                       **59 (not sure)**                      (d) 25

**THE END**

**ANSWER KEY:-** Those Options which are Encircled with Black Dot are Correct Options.



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