ASCON
(Administrative Staff College of Nigeria)
RECRUITMENT APTITUDE TEST

2020/2021 EDITION

UPDATED PAST QUESTIONS AND ANSWERS

SUCCESS GUARANTEED!

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CIVIL SERVICE COMMISSION

ASCON (PSS) RECRUITMENT COMPETITIVE EXAMINATION

COMPONENTS:

PAPER I: BASIC STATISTICS PAPER II:

VERBAL REASONING PAPER III:

LOGICAL REASONINNG

PAPER IV: CURRENT AFFAIRS/GENERAL KNOWLEDGE

TIME ALLOWED:

2 HOURS (I.E. 30 MINUTES FOR EACH PAPER)

<u>INSTRUCTIONS</u>

A: ANSWER ALL 100 QUESTIONS AS DIRECTED (EACH QUESTION CARRIED (1) mark

B: AVOID GUESS WORK AD EXAMINATION MALPRACTICE

C: DON'T OFFER BRIBE TO PASS

PLEASE INDICATE THE FOLLOWING PARTICULAR:

NAME: ………………………………………………………………………………………….

LOCAL GOVT. OF ORIGIN: …………………………………………………………………………..

POST APPLIED FOR: …………………………………………………………………………..

PAPER 1: BASIC STATISTICS

1. Statistic is not concerned with scientific methods for collecting, summarizing, presenting and analyzing data as well as with drawing valid conclusions and making reasonable decisions on the basis of analysis. **True or False?**

2. A variable that can theoretically assume any value between two given values is called what?

(a) Constant

(b) Discrete

(c) Continuous

(d) Inductive

3. The phase of statistics dealing with conclusions under which such inference is valid is called what?

(a) Deductive statistics

(b) Descriptive statistics

(c) Inductive statistics

(d) Probability Statistics

4. The phase of statistics that seeks only to describe and analyses a given group without drawing any conclusion inferences about a larger group is called what?

(a) Deductive statistics

(b) Probability Statistics

(c) Inductive statistics

(d) Non-Probability Statistics

5. A more convenient way of writing numbers using powers of 10 as in the case of 864,000,000 into two decimal places is

(a) 8.64×10^8

(b) 8.64×10^7

(c) 0.864×10^9

(d) 0.0864×10^{10}

6. Given that 2 - 1= y/y, what is y/y

(a) y

(b) 2

(c) 0

(d) 1

7. 10^1 could be written as what?

(a) 1

(b) 0

(c) 10^{-1}

(d) 10

8. $(10^p)(10^q)$ is the same as?

(a) $10^p/10^q$

(b) 10^{p+q}

(c) 10^{p-q}

(d) 10^{pq}

9. $10^p/10^q$ is the same as?

(a) 10^{p+q}

(b) 10^{p*q}

(c) $10^{p/q}$

(d) 10^{p-q}

10. Round up 2.484 to the nearest

hundredth (a) 24.84

(b) 2.84

(c) 248.4

(d) 24,480

11. How many significant figures are in this number assuming it is recorded accurately 149.8inches

(a) Four

(b) Five

(c) Three

(d) One

12. During a promotion interview the following represent the grades of six candidates; 84, 91, 72, 68, 87 and 78. Find the arithmetic mean of the grades

(a) 82.5

(b) 86

(c) 84

(d) 80

13. Two variables, x and y assume the values; $x_1 = 2$; $x_2 = -5$; $x_3 = 4$; $x_4 = -8$ and $y_1 = -3$; $y_2 = -8$; $y_3 = 10$; $y_4 = 6$. Calculate x

(a) -2

(b) -4

(c) -7

(d) -9

14. From question 13 above, calculate y

(a) 5

(b) 7

(c) 9

(d) 6

15. From question 13 above, calculate xy

(a) -13

(b) 16

(c) 26

(d) 35

16. From question 13 above, calculate x^2

(a) 209

(b) 49

(c) 309

(d) 190

17. From question 13 above, calculate y^2

(a) 25

(b) 209

(c) 309

(d) 190

18. Which of these tools is most useful in determination of cost of advert placement during NTA
channel 10, 9.00 O'clock news

(a) Mean

(b) Median

(c) Mode

(d) Dispersion

19. The degree of peakedness of a distribution usually taken relative to a normal distribution is called?

(a) skewness

(b) Moment co-efficient

(c) kutosis

(d) Platykurtic

20. Determine the probability p, or an estimate of an old number appearing in a single loss of a fair die.

(a) 1/2

(b) 2/3

(c)

1/6

(d)

21. If a man purchases a ticket in the MTN promo who wants to be millionaire and has an expectation to either win N10,000,000 or 1,000,0000 with probabilities of 0.001 and 0.003. What should be a fair price to pay for the ticket?

(a) N11, 000

(b) N13, 000