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Daffodil

Written Test for the Recruitment of Probationary Officer (PO); 2021

Total Marks: 100

Time: 90 Minutes

### Instructions for Examinee

The question paper is divided into two parts - Part I (MCQ) and Part II (Descriptive). Forty-Five (45) minutes are allotted for Part I and Forty-Five (45) minutes for Part II. MCQ answers must be given in the OMR Sheet which will be taken back by the invigilator after the allotted time. Answer script of Part II will be given after completing Part I.

Time: 45 Minutes

Part I: Multiple Choice Questions (MCQs)

Marks: 60

Section A: English Language and Communication

1×16 = 16

Q. (1-4): Read the passage carefully and choose the best answer.

There are some people who are bored by almost any conversation. They are bored if you talk shop, they are bored if you talk golf, they are bored if you talk politics. It is men like this who loathe strangers who try to enter into conversation. This dislike of conversation with strangers is hard for me to understand. I think I should even enjoy an occasional hour with a bore. Up to a point I like bores. Many bores are so happy that it is a pleasure to watch them. The worst bores are those who love telling people the various routes from one place to another. Another boring form of conversation is that of the man, who, while talking politics, frets out all the old threadbare arguments with the air of a person using them for the first time. I have been a bore of this kind myself. Once my friend observed, "My god, what a bore you are." I felt like pricked balloon at first, but respected my friend for his candour. Since then no one has called me a bore. I have learnt to study the expression on the face of people. There are certain people with whom one has a right to be bored – people who are so self-centered and they cannot listen to anyone talking. Such people are boring because they make one feel for the time being an outsider.

- The author's outspoken friend earned his respect presumably because -  
(a) he was successful in influencing the author's personality.  
(b) he helped the author in making him realize how he appeared to other people.  
(c) he was a man with solid commonsense.  
(d) he refused to indulge in sycophancy.
- The prime objective of the author in this passage is to -  
(a) recount his personal experiences with bores.  
(b) champions the cause of bores.  
(c) describe various kinds of bores.  
(d) enunciate ways to avoid becoming a bore.
- Self-centered people are bores because -  
(a) they are habitually hostile or unfriendly.  
(b) their stock of topics for discussion is limited.  
(c) they cut off all communication.  
(d) they have a single-track mind.
- The redeeming characteristics in bores, according to the author, is this -  
(a) they keep the conversational ball rolling.  
(b) they are blissful in their obliviousness to their surroundings.  
(c) self-realization dawns quickly upon them.  
(d) they are happy people because they are engrossed with themselves.

Q. (5-8): Find out which underlined part (a, b, c and d) of the following sentences has an error.

- I would have asked you for dinner if I had known that you are staying here tonight.  
(a) (b) (c) (d)
- To sing a song good, you must focus your attention not only on the music but on the words as well.  
(a) (b) (c) (d)
- She was upset last night because she had to do too many home works.  
(a) (b) (c) (d)
- Contrary to what had previously been reported, the conditions governing the truce between many countries arranged by the United Nations has not yet been revealed.  
(a) (b) (c) (d)

Q. (9-12): Complete the sentence with appropriate word(s) or phrase(s).

- Arts still does not make news; \_\_\_\_\_ the story has political \_\_\_\_\_.  
(a) unless, ramifications (b) until, bickering (c) without, angle (d) given, ending
- The citizenry had become so \_\_\_\_\_ by the presidents \_\_\_\_\_ that the latest financial scandal did not even make the front page of the newspapers.  
(a) fascinated, impropriety (b) disgusted, peccadilloes (c) jaded, indiscretions (d) regretful, personification

11. His imperturbability in the face of evidence indicating his deliberate fraud failed to reassure supporters of his essential \_\_\_\_\_, instead, it suggested a talent for \_\_\_\_\_ that they had never suspected.  
 (a) culpability, intrigue (b) probity, guile (c) remorse, loquacity (d) wisdom, reproof
12. Business forecasts usually prove reasonably accurate when the assumption that the future will be much like the past is \_\_\_\_\_, in times of major \_\_\_\_\_ in the business environment, however, forecasts can be dangerously wrong.  
 (a) specified, discontinuities (b) questioned, surges (c) contradicted, improvements (d) satisfied, shifts
- Q. (13-16): Select the pair that expresses a relationship similar to that expressed in the original pair.
13. PAIN : SEDATIVE  
 (a) Comfort : Stimulant (b) Grief : Consolation (c) Trance : Narcotic (d) Ache : Extraction
14. CONFIDENT : HAUGHTY  
 (a) Diminished : Forsaken (b) Liberal : Brusque (c) Provident : Penurious (d) Autonomous : Subordinate
15. STARE : GLANCE  
 (a) Gulp : Sip (b) Scorn : Admire (c) Participate : Observe (d) Hunt : Stalk
16. SUBSIDY : SUPPORT  
 (a) Assistance : Endowment (b) Funds : Fellowship (c) Credit : Payment (d) Debt : Obligation

**Section B: Mathematics**

**1.25 × 16 = 20**

Q. (17-32): Choose the correct answer.

17.  $\left(\frac{\sqrt{2}-1}{\sqrt{2}+1} + \frac{\sqrt{2}+1}{\sqrt{2}-1}\right) / \left(\frac{\sqrt{2}-1}{\sqrt{2}+1} + \frac{\sqrt{2}+1}{\sqrt{2}-1}\right) = ?$   
 (a) 2/3 (b) 3/2 (c) 4 (d) 6
18.  $2^{22} + 2^{22} + 2^{22} + 2^{22} = ?$   
 (a)  $4^{12}$  (b)  $2^{14}$  (c)  $2^{16}$  (d)  $2^{48}$
19. Bilka invests Tk. 2,400 in the XYZ Bank at 5%. How much additional money must she invest at 8% so that the total annual income will be equal to 6% of her entire investment?  
 (a) Tk. 1,000 (b) Tk. 2,400 (c) Tk. 1,200 (d) Tk. 3,000
20. Anita had to do a multiplication. Instead of taking 35 as one of the multipliers, she took 53. As a result, the product went up by 540. What is the new product?  
 (a) 1050 (b) 1250 (c) 1440 (d) 1590
21. Rina and Shila entered into a partnership with their capitals in the ratio 5:6. At the end of 8 months, Rina withdraws her capital. If they receive the profit in the ratio of 5:9, find how long Shila's capital was used?  
 (a) 12 months (b) 14 months (c) 16 months (d) 18 months
22. A class starts at 10.00 am and lasts till 01.30 pm. Four periods are held during this interval. After every period, 10 minutes are given free to the students. What is the exact duration of each period?  
 (a) 42 min (b) 45 min (c) 48 min (d) 50 min
23. A shopper spends Tk. 1000 to purchase CDs at Tk. 20 each. The next day, the disks go on sale for Tk. 16 each and the shopper spends Tk. 2400 to purchase more CDs. What was the average price per disk purchased?  
 (a) Tk. 15 (b) Tk. 17 (c) Tk. 18 (d) Tk. 19
24. A salesman receives daily wage of Tk. 250 and earns a commission of 15% on all sales he makes. How much taka worth of sales does he need to make in order to bring his total daily income of Tk. 1000?  
 (a) Tk. 6000 (b) Tk. 5500 (c) Tk. 5000 (d) Tk. 4500
25. In a club 60% members are male and 70% members are graduates. Also 50% of the graduate members are male. What percentage of the club members are female and non-graduate?  
 (a) 5% (b) 10% (c) 15% (d) 20%
26. Pooja is twice as efficient as Aarti and takes 90 days less than Aarti to complete the job. Find the time in which they can finish the job together.  
 (a) 30 days (b) 45 days (c) 60 days (d) 90 days
27. Mamun bought 50 shares at Tk. 60, and 2 months later, he purchased 25 shares at Tk. 56. At what price should he purchase 25 additional shares in order to have an average price of Tk. 58 per share?  
 (a) Tk. 53 (b) Tk. 54 (c) Tk. 55 (d) Tk. 56
28. The total income of Habib in 2017, 2018, and 2019 was Tk. 36,400. His income increased by 20% each year. What was his income in 2019?  
 (a) Tk. 14,400 (b) Tk. 12,000 (c) Tk. 10,000 (d) Tk. 8,000
29. A person's present age is two-fifth of the age of his mother. After 8 years, he will be one-half of the age of his mother. What is the present age of the mother?  
 (a) 30 (b) 35 (c) 40 (d) 50



30. The measurement of a rectangle is 16 feet by 12 feet. What is the area of the smallest circle that can cover this rectangle entirely (so that no part of the rectangle is outside the circle)?  
 (a)  $100\pi$  sq. ft (b) 100 sq. ft (c)  $192\pi$  sq. ft (d)  $128\pi$  sq. ft
31. The perimeter of a square is equal to the perimeter of a rectangle whose length and width are 6m and 4m respectively. The side of the square is –  
 (a) 3m (b) 4m (c) 5m (d) 6m
32. In the figure, DE is parallel to BC. If the area of a triangle ADE is half that of trapezoid DECB, what is the ratio of AE to AC:  
 (a) 1 : 2 (b)  $1 : \sqrt{2}$  (c) 1 : 3 (d)  $1 : \sqrt{3}$



**Section C: Analytical Ability and Critical Reasoning**

1.5 × 8 = 12

**Q. (33-35): Answer the questions based on the following information.**

A bus has six stoppages on its circular route in Dhaka City. The bus stops at the stoppages in the order from one to six. After leaving stoppage six, the bus returns to the stoppage one and continues around the circular route again. The stoppages are at six locations: G, H, J, K, L and M. It is also given that –

- (i) L is stoppage three; (ii) H is stoppage six; (iii) K is immediately before M; (iv) J is immediately before G.
33. If a passenger gets on the bus at K and gets off at L, which of the following must be true?  
 (a) K is stoppage five (b) M is stoppage three (c) J is stoppage five (d) none of these
34. If J is stoppage four, which of the following must be the stoppage immediately before L?  
 (a) K (b) M (c) J (d) K
35. If G is stoppage two, which of the following must be the stoppage immediately before H?  
 (a) J (b) G (c) M (d) K

**Q. (36-38): Answer the questions based on the following information.**

Sweta, Swarna, Sneha and Soumiya are four sisters who have an agreement that they share all snacks equally among themselves. One day one uncle Mamun gave a box of cookies to Sweta. Since the other sisters were not around, Sweta divided the cookies into four equal parts, ate her share and put the rest into the box. As she was closing the box, Swarna came in. She took all the cookies from the box and divided them into four equal parts. Sweta and Swarna ate one part each and put the rest into the box. Just then, Sneha walked in. She took all the cookies from the box, divided them into four equal parts. The three of them ate their respective shares and put the rest into the box. Later when Soumiya came, she divided all the cookies into four equal parts and all the four sisters ate their respective shares. In total, soumiya ate 3 cookies.

36. How many cookies in total did Sneha eat?  
 (a) 30 (b) 12 (c) 15 (d) 6
37. How many cookies in total did Sweta eat?  
 (a) 32 (b) 142 (c) 72 (d) 71
38. How many cookies did uncle Mamun give to Sweta?  
 (a) 128 (b) 156 (c) 256 (d) 192

**Q. (39-40): Read the information and answer the questions.**

39. Cable-television spokesperson: Subscriptions to cable television are bargain in comparison to 'free' television. Remember that 'free' television is not really free. It is consumers, in the end, who pay for the costly advertising that supports 'free' television. Which of the following, if true, is most damaging to the position of the cable-television spokesperson?  
 (a) Subscriptions to cable television include access to some public-television channels, which do not accept advertising.  
 (b) There is as much advertising on many cable-television channels as there is on 'free' television channels.  
 (c) Cable-television subscribers can choose which channels they wish to receive.  
 (d) For locations with poor television reception, cable television provides picture quality superior to that provided by 'free' television.
40. "Some men are definitely intelligent, others are definitely not intelligent, but of intermediate men, we should say, 'intelligent'? Yes, I think, so or no, I shouldn't be inclined to call him intelligent." Which of the following reflects the intention of the writer well?  
 (a) To call men intelligent who are not strikingly so must be to use the concept with undue imprecision  
 (b) Every empirical concept has a degree of vagueness  
 (c) Calling someone intelligent or not depends upon one's whim  
 (d) There is no need to be as indecisive as the writer of the above

## Section D: Intelligent Quotient

1 × 6 = 06

Q. (41-46): Choose the correct answer.

41. If PALE is coded as 2134, EARTH is coded as 41590, then how can PEARL be coded in that language?  
 (a) 25430 (b) 24530 (c) 24413 (d) 24153
42. A man has 53 socks in his drawer: 21 identical blue, 15 identical black and 17 identical red. The lights are fused and he is completely in the dark. How many socks must he take out to make 100 percent certain he has a pair of black socks?  
 (a) 36 (b) 38 (c) 40 (d) 53
43. Find the odd man out -  
 (a) Potato (b) Apple (c) Carrot (d) Bean
44. If 'Heart' is related to 'Sentiment', then in the same way 'Head' is related to -  
 (a) Thinking (b) Hair (c) Brain (d) Memory
45. A watch was correct at noon, after which it started to lose 17 minutes per hour and stopped completely at 2.52 pm. What time is it now?  
 (a) 3.30 pm (b) 4.00 pm (c) 4.30 pm (d) 5.00 pm
46. Fill in the missing number of the series 6, 13, 28, 38, \_\_\_\_\_, 122, 249  
 (a) 35 (b) 48 (c) 59 (d) 70

## Section E: General Knowledge

0.75 × 8 = 06

Q. (47-54): Choose the correct answer.

47. Who was the first Governor of Bangladesh Bank?  
 (a) Lutfur Rahman Sarkar (b) A. K. N. Ahmad (c) A.N.M. Hamidullah (d) Mohammad Nurul Islam
48. How many war heroes have been awarded "Bir Uttom" for their contribution to liberation war of Bangladesh?  
 (a) 69 (b) 168 (c) 175 (d) 426
49. Who is the founder of Gmail?  
 (a) Paul Buchheit (b) Elon Musk (c) Jerry Yang (d) Sergey Brin
50. Which day is observed as World Wildlife Day?  
 (a) February 7 (b) March 3 (c) April 18 (d) December 7
51. Who is the first Muslim woman to win the noble peace prize?  
 (a) Mother Teresa (b) Monica Ali (c) Shirin Ebadi (d) Benazir Bhutto
52. How many days the Earth takes to rotate around the Sun to complete one revolution?  
 (a) 365.342 days (b) 365.242 days (c) 365.422 days (d) 365.243 days
53. Who is the current coach of Bangladesh National Football Team?  
 (a) Russell Domingo (b) Fabio Lopez (c) Maruful Haque (d) Jemie Day
54. Which desert does "The Great Wall of China" pass through?  
 (a) Atacama Desert (b) Sahara Desert (c) Gobi Desert (d) Simpson Desert

Time: 45 Minutes

## Part II: Descriptive

Marks: 40

10

Q-1: Translate into English.

চলমান মহামারীর শুরুতেই মহমন্দার অশনি সন্কেত সনতে পায় বিশ্ব। গত বছরের শুরুতেই বৈশ্বিক অর্থনীতিকে জ্ববির করে দেয় কোভিড-19 এর প্রাদুর্ভাব। শিল্পোৎপাদন, পর্যটনসহ বিভিন্ন খাতে প্রবৃদ্ধি নেমে আসে নেতিবাচক পর্যায়ে। আন্তর্জাতিক বাণিজ্যেও দেবা দেয় নিচলতা। ওই সময় বৈশ্বিক অর্থনীতিতে যে দস নেমেছিল, তার ধাক্কা এসে পড়েছিল বাংলাদেশেও। মহামারীর প্রভাবে গত বছরের শেষ পর্যন্ত অর্থনীতির প্রায় সব সূচকই ছিল নিম্নসুদী। বেড়েছে বেকারত্ব ও দারিদ্র। কমেছে রাজস্ব আয়। ব্যাংক খাতেও লেনদেনের মাত্রা নেমে আসে। নেতিবাচক ধারায় নেমে আসে ঋণ প্রবৃদ্ধি। তবে শেষ পর্যন্ত বড় মাত্রায় দস এড়াতে সক্ষম হয় বাংলাদেশের অর্থনীতি। বঙ্গ এ মুহুর্তে কোভিডজনিত শূখতা কাটিয়ে পুনরুদ্ধারের সুখবর পাওয়া যাচ্ছে কেন্দ্রীয় ব্যাংকের তথ্যে। বাংলাদেশ ব্যাংকের বিভিন্ন পরিসংখ্যান বলছে, দেশের অর্থনীতি এখন করোনা-পূর্ববর্তী অবস্থানে ফিরছে।

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Q-2: Write a paragraph with a suitable title from the words given below.

Automation, Apps, Plastic Card, ATM, Mobile Financial Services, Virtual Banking, Environment Friendly, Cash Deposit Machine, Internet Banking, Hassle-free.

Q-3: Write an essay on "Fifty years of Independence of Bangladesh: A Journey Towards Developing Nation" 20