

नेपाल नागरिक उड्डयन प्राधिकरण
प्राविधिक सेवा, सिभिल समूह, पाँचौं तह, बरिष्ठ सहायक पदको
नमूना प्रश्नपत्र

पत्र: प्रथम

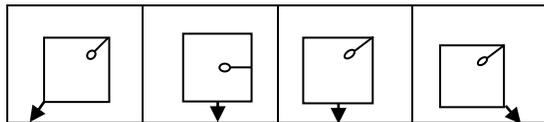
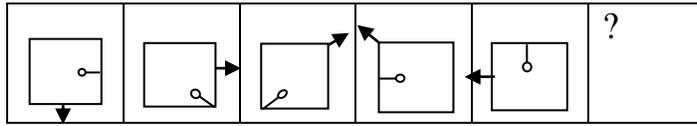
समय: ४५ मिनेट

पूर्णाङ्क : १००

विषय : वस्तुगत बहुउत्तर (सामान्यज्ञान, बौदिक परीक्षण र सेवा सम्बन्धी, ५०×२)

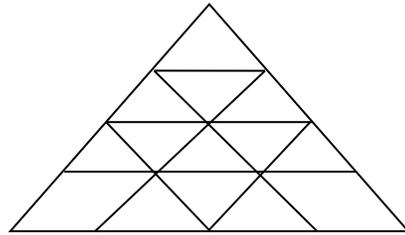
1. नेपालले सर्वप्रथम हवाई सुरुभौता गरेको मुलुक कुन हो ?
A. भारत
B. चीन
C. बंगलादेश
D. थाइलैण्ड
2. निम्न लिखित मध्ये कसले "POSDCORB" भन्ने शब्दावलीको प्रयोग गरेका थिए ?
A. एल डी ह्वाइट
B. डोनाल्ड किंगसले
C. लुथर गुलिक
D. रवर्ट ए साइमन
3. नेपाल नागरिक उड्डयन प्राधिकरणको स्थापना कहिले भयो ?
A. २०५७/८/२७
B. २०५७/९/१
C. २०५८/८/२७
D. २०५५/८/२७
4. नेपालमा कहिलेबाट Flight Information Center (FIC) को स्थापना गरियो ?
A. सन् १९७५
B. सन् १९७६
C. सन् १९७७
D. सन् १९७८
5. विवाहमा सिन्दुर साटासाट गर्ने चलन कुन जातिमा छ ?
A. भाँगाड
B. राँगाड
C. सतार
D. मुसहर
6. नेपालमा हिमरेखाको सबभन्दा तल्लो भाग कुन हो ?
A. रुपनाला (गोरखा)
B. गोबरकाढा (सुर्खेत)
C. माझा (कालिकोट)
D. जुम्ला
7. राष्ट्रिय जनगणना, २०६८ अनुसार महिला परिवालमूली रहेको परिवार प्रतिशत कुन हो ?
A. २५.७३%
B. २५.१०%
C. २५.५३%
D. २५.१५%
8. कार्यालयमा पत्राचार गर्दा अन्य निकायलाई बोधार्थ दिनुपरेमा पत्रको कुन भागमा लेखिन्छ ?
A. दायाँ माथिल्लो
B. दायाँ तल्लो
C. बायाँ माथिल्लो
D. बायाँ तल्लो
9. प्रसिद्ध खेलाडी "बैकुण्ठ मानन्धर" कुन खेलसँग सम्बन्धित ?
A. बक्सिङ्ग
B. दौड
C. कराँते
D. घोडचढी
10. विश्व बैंकको प्रधान कार्यालय कहाँ रहेको छ ?
A. वाशिङ्गटन डि.सी.
B. न्यूयोर्क
C. पेरिस
D. जेनेभा

- 11 नेपाल र जापानबीच कहिले दौत्य सम्बन्ध कायम भएको थियो ?
 A. सन् १९५५ B. सन् १९५६ C. सन् १९६० D. सन् १९६१
- 12 नयाँ विमानस्थलका लागि कार्य भएका क्षेत्रहरूमध्ये तलको कुन ठीक होईन ?
 A. गुल्मी B. इलाम C. ओखलढुङ्गा D. डोल्पा
- 13 द्वितीय विश्वयुद्धका विभिन्न कारणहरू मध्ये तलको कुन महत्वपूर्ण हो ?
 A. जर्मनले फ्रान्समाथि गरेको अतिक्रमण B. पेरिस र भर्सेलजको दुष्परिणाम
 C. बेलायत र अमेरिकाको शीत युद्ध D. जर्मनको साम्राज्यवाद नीति
- 14 दक्षिण एसियाली क्षेत्रीय सहयोग संगठन (SAAECA) का विभिन्न अंगहरूमध्ये तलको कुन ठीक होईन ?
 A. सार्क प्रविधि समिति B. सार्क स्थायी समिति
 C. सार्क कार्यक्रम समिति D. सार्क सचिवालय
- 15 नेपालको विराटनगर एयरपोर्ट धावनमार्गको विस्तारका लागि सहयोग गर्ने राष्ट्र कुन हो ?
 A. संयुक्त राज्य अमेरिका B. बेलायत C. जापान D. चीन
- 16 'Reading' is related to 'Knowledge' in the same way as 'Work' is related to :
 A. Money B. Engagement C. Employment D. Experience
- 17 If the TABLE is coded as UACMET in a certain language, then how is CAPSULE written in that code?
 A. BAORUKE B. DAQTUME C. BAQRUKE D. DAOTUME
- 18 Choose the word which is different from the rest.
 A. Anger B. Anxiety C. Feeling D. Joy
- 19 Find out the alternative which will replace the question mark.
 A. E B. N C. O D. T
- 20 Which figure should replace the question mark?



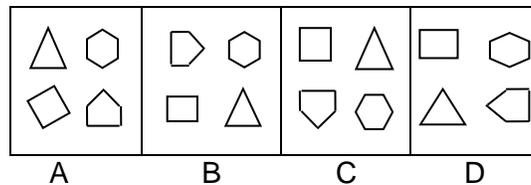
A B C D

21 What is the total number of triangles in the below grid?



- A. 22 B. 23 C. 26 D. 27

22 Choose the figure which is different from the rest.

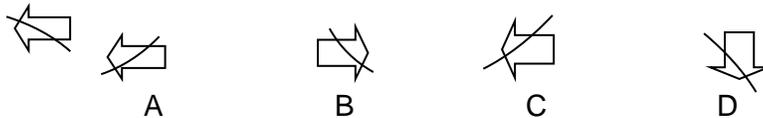


23 What is missing number?

E	C	O
B	A	B
G	B	N
D	B	?

- A. H B. T C. K D. E

24 Which is the correct image from the given four images?



25 Nepal attained ICAO membership in :

- A. 1956 B. 1960
C. 1961 D. 1962

26 According to ICAO all marketing on taxiways are painted

- A. black B. white
C. yellow D. blue

27 The object of distribution bar is to resist :

- A. deformation B. elongation
C. shortening D. cracking

28 Reciprocal ranging is adopted when the following is encountered :

- A. a dense forest B. a hillock
C. a river D. a tall building

29 Critical activities have

- A. standard float B. true float
C. actual float D. zero float

- 30 In which method both angular as well as linear measurements are taken to fix position of the unknown point ?
 A. triangulation B. traverse
 C. leveling D. all the above
- 31 Aerodrome reference point is the
 A. lowest point of the landing area B. highest point of the landing area
 C. designated geographical location of an aerodrome D. average elevation of the runway
- 32 The best pipe of water mains known for long life is
 A. cast iron B. steel
 C. cement concrete D. asbestos cement
- 33 A series of closed contour lines on the map with higher to lower values inside them represents a
 A. hill B. depression
 C. ridge D. steep slope
- 34 The right colour to mark the threshold marking of a Runway is
 A. red B. white
 C. black D. yellow
- 35 The major connection between the grounds to aircraft access system for passengers is:
 A. airlines operation system B. hanger terminal system
 C. cargo terminal system D. passenger terminal system
- 36 Which is not a part of aerodrome ?
 A. runway B. taxiway
 C. hanger D. garage
- 37 Bearing capacity of soil cannot be improved by :
 A. draining of sub-soil water B. ramming crushed stone in soil
 C. driving sand piles D. watering surface of soil
- 38 For drinking water , the amount of free ammonia should not exceed
 A. 0.15 ppm B. 0.30 ppm
 C. 0.45 ppm D. 0.60 ppm
- 39 Dry density of soil can be defined as the ratio of
 A. weight of solids to the total volume B. weight of the soil to the total volume of solids
 C. Unit weight of the soil to the unit weight of water D. none
- 40 Doubly reinforced beam are preferred
 A. when the depth is restricted due to head room B. when there is a chance for stress reversal along the length of the beam
 C. both (A) and (B) are correct D. none of the above
- 41 Which one of the imaginary surface in airport is circular in plan with centre located at an elevation of 150m above the airport reference point ?
 A. conical surface B. transitional surface
 C. inner horizontal surface D. outer horizontal surface
- 42
- 50

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नमूना प्रश्नपत्र

पत्र : द्वितीय
समय : २:३० घण्टा

विषय : सेवा सम्बन्धी

पूर्णाङ्क १००

1. What do you understand by geotechnical investigation of airport? How is it carried out? 5
2. Explain in brief about maintenance of airport runway. 5
3. Explain in brief about history of Civil Aviation in Nepal. 5
4. Explain different types of shallow foundations. 5
5. Explain different types of shallow foundations. 5
6. What is curing? Mention different types of concrete curing. 5
7. What are requirements for good estimation? State different types of estimate. 5
8. Carry out the sample rate analysis for M20 (1:1.5:3)PCC for RCC work. 5
9. What do you mean by contracts? Describe the contents of contract documents generally used in public procurement. Also, briefly explain about Variation Order (VO) . Extension Of Time (EOT) , price escalation provision in condition of contract. 10
10. Describe the importance of specification in construction work. 5
11. Define following terms: 5
 - a) Height of instrument
 - b) Change point
 - c) Bench mark
12. Write short notes on: 5
 - a) Mass haulage diagram
 - b) Performance security
13. Explain the differences between PPC and OPC cement throwing light upon their uses. 5
14. Explain the need for an adequate airport drainage system. 5
15. What is meant by Mean Sea Level (MSL), Bench Mark (BM) and reduced level in surveying? 5
16. What do you mean by construction supervision? Highlight the differences between construction supervision and monitoring. Briefly explain about the construction supervision process with respect to project record keeping. 5
17. What are the main differences between a runway and a taxiway? Draw a cross section of a typical taxiway. 5
18. Explain different design parameters used for design of rigid pavement of an airport. 10