

←

CHT- TGT ARTS 2022

E-BOOK-PDF

6,000 MCQ

EXPLANATION

1,500 ଟି ପୂର୍ବ ବର୍ଷର ପ୍ରଶ୍ନ

100% ସଫଳତା



CHT- CONTRACTUAL TEACHER (TGT ARTS) 2022 EXAM !! E-BOOK (PDF) 6,000 BEST MCQ !! CHAPTER WISE QUESTIONS & ANSWER

more

₹199.00 ₹99.00

Validity- 1 Year

English- 1500 (MCQ)...

more

ADD TO CART BUY NOW

[Click Here](#)

←

CHT- TGT CBZ 2022


E-BOOK-PDF

6,000 MCQ

EXPLANATION

750 ଟି ପୂର୍ବ ବର୍ଷର ପ୍ରଶ୍ନ

100% ସଫଳତା



CHT- CONTRACTUAL TEACHER (TGT CBZ SCIENCE) 2022 EXAM !! E-BOOK (PDF) 6,000 BEST MCQ !! CHAPTER WISE QUESTIONS & ANSWER

more

₹199.00 ₹99.00

Validity- 1 Year

Previous Year Question- 750 (2022, 2021 & 2019 Year)...

more

ADD TO CART BUY NOW

[Click Here](#)

←

CHT- TGT PCM 2022


E-BOOK-PDF

6,000 MCQ

EXPLANATION

1,350 ଟି ପୂର୍ବ ବର୍ଷର ପ୍ରଶ୍ନ

100% ସଫଳତା



CHT- CONTRACTUAL TEACHER (TGT PCM SCIENCE) 2022 EXAM !! E-BOOK (PDF) 6,000 BEST MCQ !! CHAPTER WISE QUESTIONS & ANSWER

more

₹199.00 ₹99.00

Validity- 1 Year

Previous Year Question- 1,350 (2022, 2021 & 2019 Year)...

more

ADD TO CART BUY NOW

[Click Here](#)

← Tech of World

HOME VIDEOS PLAYLISTS COMMUNITY

ଆମ Channel ରେ ଦେଖନ୍ତୁ Video

ASO ଓଡ଼ିଶା ପୋଷ୍ଟାଲ **CT ଓ B.Ed**

ଓଡ଼ିଶା ପୋଲିସ **SSC GD Railway**



Tech of World

SUBSCRIBE

315K subscribers • 928 videos

Hello ଦାସ ନାମେ !! ଆମେ ଏହି Channel ରେ ପୂର୍ବ ପ୍ରକାରର Educational Video Free ରେ ଦେଖାଯାଉଛି ତେଣୁ ଦେଖିବାକୁ ଆସନ୍ତୁ "Tech Of World" Channel ରୁ ...

+2 କିମ୍ବା +3 ପଢ଼ିବା ପରେ କେମିତି ଜଣେ ଶିକ୍ଷକ ହେଇପାରିବେ ?

CT ଓ B.Ed ପରେ କଣ ?

How To Become A Teacher After +2 Or +3 In Odisha ? How To Get A Teacher Job In Odisha ?

Tech of World · 176K views · 3 years ago

Home Shorts Subscriptions Library

[Click Here](#)

←

Tech Of World- (Odisha Exam CT)

Tech Of World

Uninstall Open

Your Review

sujit kumar naik ★★★★★ 6/29/21

Edit your review

Developer contact

About this app

Tech Of World (Odisha Exam) Provides Mock Test & E-Books For Different Exams

Education

3.8 ★ 422 reviews 422 reviews Rated for 3+ 50K+ Downloads

TECH OF WORLD Mock Test

[Click Here](#)

← Tech Of World 4.1K subscribers

↓

538 Sujit, 9:42 AM

Leave a comment

↓ ASO English 2022 By... 8.7 MB PDF

↓ ASO General Knowledge 2022... 4.9 MB PDF

↓ ASO Math 2022 By Techofworld.in.pdf 4.6 MB PDF

↓ ASO Odia Language 2022 By... 2.9 MB PDF

↓ ASO Reasoning 2022 By... 4.6 MB PDF

508 9:47 AM

3 comments

Broadcast

[Click Here](#)

Section 1 - Paper I General Knowledge and Current Affairs

No. of Questions: 15

1) In August 2021, Sumit Antil won the Gold Medal at Tokyo Paralympics in which of the following events of Athletics?

- A) Discus Throw
- B) High Jump
- C) Shot Put
- D) Javelin Throw

1) ଅଗଷ୍ଟ 2021 ରେ, ସୁମିତ ଆଣ୍ଟିଲ ଟୋକିଓ ପାରାଲିମ୍ପିକ୍ସର ଆଥ୍ଲେଟିକ୍ ଇଭେଣ୍ଟ୍ ରେ ନିମ୍ନଲିଖିତ କେଉଁ ପ୍ରତିଯୋଗିତାରୁ ସ୍ୱର୍ଣ୍ଣ ପଦକ ଜିତିଥିଲେ?

- A) ଡିସ୍କସ୍ ଥ୍ରୋ
- B) ହାଇ ଜମ୍ପ
- C) ଶଟ୍ ପୁଟ୍
- D) ଜାଭେଲିନ୍ ଥ୍ରୋ

2) Which of the following is one of the items gifted under Odisha Gangadhar Meher Sikhya Manakbrudhi Yojana (GMSMY) 2022?

- A) Desktop Computer
- B) Free Wifi
- C) School Uniform
- D) Whiteboards

2) ନିମ୍ନଲିଖିତ ମଧ୍ୟରୁ କେଉଁଟି ଓଡ଼ିଶା ଗଙ୍ଗାଧର ମେହେର ଶିକ୍ଷା ମାନକ ବୃଦ୍ଧି ଯୋଜନା (GMSMY) 2022 ଅଧୀନରେ ଉପହାର ଦିଆଯାଇଥିବା ସାମଗ୍ରୀ ମଧ୍ୟରୁ ଗୋଟିଏ ଅଟେ?

- A) ଡେସ୍କଟପ୍ କମ୍ପ୍ୟୁଟର
- B) ମାଗଣା ୱାଇଫାଇ
- C) ବିଦ୍ୟାଳୟ ଯୁନିଫର୍ମ
- D) ଧଳା ବୋର୍ଡ

3) Which of the following scheme was introduced by Prime Minister of India for Financial Inclusion to provide access to financial services such as savings and deposit accounts?

- A) Pandit Deendayal Aarthik Sahaytha Yojna
- B) Pradhan Mantri Kaushalya Vikas Yojna
- C) Sardar Patel Aarthik Jan-Aadhar Yojna
- D) Pradhan Mantri Jan-Dhan Yojna

3) ସଞ୍ଚୟ ଏବଂ ଜମା ଆକାଉଣ୍ଟ ପରି ଆର୍ଥିକ ସେବାକୁ ଆକ୍ସେସ୍ ଯୋଗାଇବାକୁ ଆର୍ଥିକ ଅନ୍ତର୍ଭୁକ୍ତୀକରଣ ପାଇଁ ଭାରତର ପ୍ରଧାନମନ୍ତ୍ରୀ ନିମ୍ନଲିଖିତ ମଧ୍ୟରୁ କେଉଁ ଯୋଜନା ଆରମ୍ଭ କରିଥିଲେ?

- A) ପଣ୍ଡିତ ଦୀନଦୟାଲ ଆର୍ଥିକ ସହାୟତା ଯୋଜନା
- B) ପ୍ରଧାନମନ୍ତ୍ରୀ କୌଶଲ୍ୟ ବିକାଶ ଯୋଜନା
- C) ସର୍ଦ୍ଦାର ପଟେଲ ଆର୍ଥିକ ଜନ-ଆଧାର ଯୋଜନା
- D) ପ୍ରଧାନମନ୍ତ୍ରୀ ଜନ-ଧନ ଯୋଜନା

4) The Sun is a colossal ball of which two major gases given below?

- A) Hydrogen and Helium
- B) Nitrogen and Argon
- C) Oxygen and Nitrogen
- D) Xenon and Carbon dioxide

4) ସୂର୍ଯ୍ୟ ହେଉଛି ଏକ ବିରାଟ ବଲ୍ ଯାହାର ଦୁଇଟି ପ୍ରମୁଖ ଗ୍ୟାସ୍ ନିମ୍ନରେ ଦିଆଯାଇଛି। ସେଗୁଡ଼ିକ କଣ?

- A) ଉଦୟାନ ଏବଂ ହିଲିୟମ୍
- B) ନାଇଟ୍ରୋଜେନ୍ ଏବଂ ଆର୍ଗନ୍
- C) ଅକ୍ସିଜେନ୍ ଏବଂ ନାଇଟ୍ରୋଜେନ୍
- D) କ୍ସେନ୍ ଏବଂ ଅକ୍ସିଜେନ୍

5) During whose tenure as a Viceroy in India, was the Vernacular Press Act repealed?

- A) Lord Ripon
- B) John Lawrence
- C) Lord Amherst
- D) Lord Curzon

5) ଭାରତରେ ଭାଇସରାୟ ଭାବରେ କାହାର କାର୍ଯ୍ୟକାଳରେ, ଭର୍ନାକୁଲାର ପ୍ରେସ ଆକ୍ଟ ରଦ୍ଦ କରାଯାଇଥିଲା ?

- A) ଲର୍ଡ ରିପନ୍
- B) ଜନ୍ ଲରେନ୍ସ
- C) ଲର୍ଡ ଆମହର୍ଷ୍ଟ
- D) ଲର୍ଡ କର୍ଜନ

6) Chandra Sekhar Behera as a freedom fighter consolidated the National freedom movement in which region of Odisha?

- A) Cuttack
- B) Sambalpur
- C) Koraput
- D) Ganjam

6) ଜଣେ ସ୍ଵାଧୀନତା ସଂଗ୍ରାମୀ ଭାବରେ ତନ୍ତ୍ର ଶେଖର ବେହେରା ଓଡ଼ିଶାର କେଉଁ ଅଞ୍ଚଳରେ ଜାତୀୟ ସ୍ଵାଧୀନତା ଆନ୍ଦୋଳନକୁ ଏକତ୍ରିତ କରିଥିଲେ?

- A) କଟକ
- B) ସମ୍ବଲପୁର
- C) କୋରାପୁଟ
- D) ଗଞ୍ଜାମ

7) Which of the following is geographically the largest state in India?

- A) Rajasthan
- B) Uttar Pradesh
- C) Madya Pradesh
- D) Maharashtra

7) ଭୌଗଳିକ ଦୃଷ୍ଟିରୁ ନିମ୍ନଲିଖିତ ମଧ୍ୟରୁ କେଉଁଟି ଭାରତର ବୃହତ୍ତମ ରାଜ୍ୟ?

- A) ରାଜସ୍ଥାନ
- B) ଉତ୍ତରପ୍ରଦେଶ
- C) ମଧ୍ୟପ୍ରଦେଶ
- D) ମହାରାଷ୍ଟ୍ର

8) Identify the INCORRECT statement with reference to Rajya Sabha.

- A) It is also referred to as Council of States
- B) It is a permanent body and is not subject to dissolution
- C) Its maximum strength is 250 members
- D) Two-third of its members retire every second year

8) ରାଜ୍ୟସଭା ସମ୍ବନ୍ଧରେ ତୁଲ୍ୟ ବିବୃତ୍ତିକୁ ଚିହ୍ନଟ କରନ୍ତୁ?

- A) ଏହାକୁ ରାଜ୍ୟ ପରିଷଦ ମଧ୍ୟ କୁହାଯାଏ।
- B) ଏହା ଏକ ସ୍ଥାୟୀ ସଂସଦ ଏବଂ ଏହା ଭଙ୍ଗାଯାଇ ପାରିବ ନାହିଁ।
- C) ଏହାର ସର୍ବାଧିକ ସଦସ୍ୟ ସଂଖ୍ୟା ହେଉଛି 250 ।
- D) ଏହାର ଦୁଇ ତୃତୀୟାଂଶ ସଦସ୍ୟ ପ୍ରତି ଦ୍ୱିତୀୟ ବର୍ଷରେ ଅବସର ନିଅନ୍ତି।

9) As per Article 12 of the Indian Constitution, 'State' includes which of the following option(s)?

- (i) The Government and Parliament of India.
- (ii) The Government and the Legislature of each of the States.
- (iii) All local or other authorities within the territory of India or under the control of the Government of India.

- A) Only (i)
- B) Only (i) and (ii)
- C) (i), (ii), (iii)
- D) Only (iii)

9) ଭାରତୀୟ ସମ୍ବିଧାନର ଧାରା 12 ଅନୁଯାୟୀ, 'ରାଜ୍ୟ'ରେ ନିମ୍ନଲିଖିତ ମଧ୍ୟରୁ କେଉଁ ବିକଳ୍ପ (ଗୁଡ଼ିକ) ଅନ୍ତର୍ଭୁକ୍ତ?

- (i) ଭାରତର ସରକାର ଏବଂ ସଂସଦ
- (ii) ପ୍ରତ୍ୟେକ ରାଜ୍ୟର ସରକାର ଏବଂ ବିଧାନସଭା
- (iii) ଭାରତୀୟ ସୀମାରେଖା ମଧ୍ୟରେ କିମ୍ବା ଭାରତ ସରକାରଙ୍କ ନିୟନ୍ତ୍ରଣରେ ଥିବା ସମସ୍ତ ସ୍ଥାନୀୟ କିମ୍ବା ଅନ୍ୟ କର୍ତ୍ତୃପକ୍ଷ।

- A) କେବଳ (i)
- B) କେବଳ (i) ଏବଂ (ii)
- C) (i), (ii), (iii)
- D) କେବଳ (iii)

10) Which state won the 'Best State Tableau of Republic Day parade 2022'?

- A) Maharashtra
- B) Gujarat
- C) Karnataka
- D) Uttar Pradesh

10) କେଉଁ ରାଜ୍ୟ ରିପବ୍ଲିକ୍ ଡେ ପ୍ୟାରେଡ୍ 2022 ର ଶ୍ରେଷ୍ଠ ରାଜ୍ୟ ପ୍ରଜ୍ଞାପନ ମେଡ଼ ଜିତିଲା?

- A) ମହାରାଷ୍ଟ୍ର
- B) ଗୁଜୁରାଟ
- C) କର୍ଣ୍ଣାଟକ
- D) ଉତ୍ତରପ୍ରଦେଶ

11) In September 2021, the government has set up an asset management company that will work in tandem with the National Asset Reconstruction Company Ltd (NARCL) to clean up bad loans. Identify the name of this bank.

- A) India Infrastructure Finance Company Limited
- B) National Debt Reconstruction Corporation Limited
- C) India Debt Resolution Company Limited
- D) State Debt Resolution Company Limited

11) ସେପ୍ଟେମ୍ବର 2021 ରେ, ସରକାର ଏକ ସମ୍ପତ୍ତି ପରିଚାଳନା କମ୍ପାନୀ ଗଠନ କରିଛନ୍ତି ଯାହା ଖରାପ ରଣ ସମା କରିବା ପାଇଁ ଜାତୀୟ ସମ୍ପତ୍ତି ପୁନଃନିର୍ମାଣ କମ୍ପାନୀ ଲିମିଟେଡ୍ (NARCL) ସହିତ ମିଳିତ ଭାବରେ କାର୍ଯ୍ୟ କରିବ । ଏହି ବ୍ୟାଙ୍କର ନାମ ଚିହ୍ନଟ କରନ୍ତୁ ।

- A) ଇଣ୍ଡିଆ ଇନ୍ଫ୍ରାସ୍ଟ୍ରକ୍ଚର ଫାଇନାନ୍ସ କମ୍ପାନୀ ଲିମିଟେଡ୍
- B) ଜାତୀୟ ରଣ ପୁନଃନିର୍ମାଣ ନିଗମ ଲିମିଟେଡ୍
- C) ଭାରତ ରଣ ନିର୍ଦ୍ଧାରଣ କମ୍ପାନୀ ଲିମିଟେଡ୍
- D) ରାଜ୍ୟ ରଣ ନିର୍ଦ୍ଧାରଣ କମ୍ପାନୀ ଲିମିଟେଡ୍

12) Which of the following is an objective of Rashtriya Swasthya Bima Yojana launched in 2018?

- A) To provide health insurance coverage to people Below Poverty Line
- B) Health and Insurance coverage for Children below 18 years of age and till the attain 40 years
- C) To provide health insurance coverage to Women working as ASHA workers
- D) To provide health insurance coverage to Landless Labours

12) ନିମ୍ନଲିଖିତ ମଧ୍ୟରୁ କେଉଁଟି 2018 ରେ ଆରମ୍ଭ ହୋଇଥିବା ରାଷ୍ଟ୍ରୀୟ ସ୍ଵାସ୍ଥ୍ୟ ବୀମା ଯୋଜନାର ଉଦ୍ଦେଶ୍ୟ?

- A) ଦାରିଦ୍ର୍ୟ ସୀମା ରେଖା ତଳେ ଥିବା ଲୋକଙ୍କୁ ସ୍ଵାସ୍ଥ୍ୟ ବୀମା କଭରେଜ୍ ପ୍ରଦାନ କରିବା
- B) 18 ବର୍ଷରୁ କମ୍ ପିଲାମାନଙ୍କ ପାଇଁ ଏବଂ 40 ବର୍ଷ ହେବା ପର୍ଯ୍ୟନ୍ତ ସ୍ଵାସ୍ଥ୍ୟ ଏବଂ ବୀମା କଭରେଜ୍ ପ୍ରଦାନ କରିବା
- C) ଆଶା କର୍ମୀ ଭାବରେ କାର୍ଯ୍ୟ କରୁଥିବା ମହିଳାମାନଙ୍କୁ ସ୍ଵାସ୍ଥ୍ୟ ବୀମା କଭରେଜ୍ ପ୍ରଦାନ କରିବା
- D) ଭୂମିହୀନ ଶ୍ରମିକମାନଙ୍କୁ ସ୍ଵାସ୍ଥ୍ୟ ବୀମା କଭରେଜ୍ ପ୍ରଦାନ କରିବା

13) Which of the following phenomenon is caused by the gravitational effects of the Moon and Sun?

- A) Solar Flares
- B) Tides
- C) Volcanic Eruptions
- D) Earthquakes

13) ନିମ୍ନଲିଖିତ ଘଟଣାଗୁଡ଼ିକ ମଧ୍ୟରୁ କେଉଁଟି ଚନ୍ଦ୍ର ଏବଂ ସୂର୍ଯ୍ୟର ମାଧ୍ୟାକର୍ଷଣ ପ୍ରଭାବ ଦ୍ଵାରା ହୋଇଥାଏ?

- A) ସୌର ପ୍ରକଳନ
- B) ଜୁଆର
- C) ଆଗ୍ନେୟଗିରି ଉଦ୍ଘାଟନ
- D) ଭୂକମ୍ପ

14) Which of the following major historical events happened during the tenure of Lord Curzon as Viceroy in India?

- A) Rowlatt Act was passed
- B) Appointment of Hunter Commission
- C) Indian National Congress was founded
- D) Partition of Bengal

14) ଭାରତରେ ଭାଇସରାୟ ଭାବରେ ଲର୍ଡ କରଜନ୍ କର କାର୍ଯ୍ୟକାଳ ମଧ୍ୟରେ ନିମ୍ନଲିଖିତ ପ୍ରମୁଖ ଐତିହାସିକ ଘଟଣାଗୁଡ଼ିକ ମଧ୍ୟରୁ କେଉଁଟି ଘଟିଥିଲା?

- A) ରାଓଲଟ୍ ଆକ୍ଟ ପାରିତ ହୋଇଥିଲା
- B) ହଣ୍ଟର ଆୟୋଗର ନିଯୁକ୍ତି
- C) ଭାରତୀୟ ଜାତୀୟ କଂଗ୍ରେସ ପ୍ରତିଷ୍ଠା କରାଯାଇଥିଲା
- D) ବଙ୍ଗଳା ବିଭାଜନ

15) Which of the following is the correct sequence for layers of atmosphere in ascending order?

- A) Stratosphere-Troposphere-Mesosphere-Thermosphere-Exosphere
- B) Mesosphere-Troposphere-Thermosphere-Stratosphere-Exosphere
- C) Troposphere-Stratosphere-Mesosphere-Thermosphere-Exosphere
- D) Exosphere-Mesosphere-Thermosphere-Stratosphere-Troposphere

15) ଆରୋହଣ କ୍ରମରେ ବାୟୁମଣ୍ଡଳର ସ୍ତର ପାଇଁ ନିମ୍ନଲିଖିତ ମଧ୍ୟରୁ କେଉଁଟି ସଠିକ୍ କ୍ରମ?

- A) ସ୍ତ୍ରାଟୋସ୍ଫିୟର-ଟ୍ରୋପୋସ୍ଫିୟର-ମେସୋସ୍ଫିୟର-ଥର୍ମୋସ୍ଫିୟର-ଏକ୍ସୋସ୍ଫିୟର
- B) ମେସୋସ୍ଫିୟର-ଟ୍ରୋପୋସ୍ଫିୟର-ଥର୍ମୋସ୍ଫିୟର-ସ୍ତ୍ରାଟୋସ୍ଫିୟର-ଏକ୍ସୋସ୍ଫିୟର
- C) ଟ୍ରୋପୋସ୍ଫିୟର-ସ୍ତ୍ରାଟୋସ୍ଫିୟର-ମେସୋସ୍ଫିୟର-ଥର୍ମୋସ୍ଫିୟର-ଏକ୍ସୋସ୍ଫିୟର
- D) ଏକ୍ସୋସ୍ଫିୟର-ମେସୋସ୍ଫିୟର-ଥର୍ମୋସ୍ଫିୟର-ସ୍ତ୍ରାଟୋସ୍ଫିୟର-ଟ୍ରୋପୋସ୍ଫିୟର

Techofworld.in



Section 2 - Paper I Reasoning Ability

No. of Questions: 10

16) If the price of 2 tables and 3 chairs is ₹ 5,600, then what would be the price of 6 tables and 9 chairs?

- A) ₹ 16,800
- B) ₹ 11,200
- C) ₹ 22,400
- D) ₹ 19,800

16) ଯଦି 2ଟି ଟେବୁଲ୍ ଏବଂ 3ଟି ଚଉକିର ମୂଲ୍ୟ ହେଉଛି ₹ 5,600 ତେବେ 6 ଟି ଟେବୁଲ୍ ଏବଂ 9 ଟି ଚଉକିର ମୂଲ୍ୟ କେତେ ହେବ?

- A) ₹ 16,800
- B) ₹ 11,200
- C) ₹ 22,400
- D) ₹ 19,800

17) If the wages of 15 men for 3 days is ₹ 56.25, then how many men can earn ₹ 81.25 in 5 days?

- A) 12
- B) 13
- C) 14
- D) 15

17) ଯଦି 15 ଜଣ ବ୍ୟକ୍ତିଙ୍କର 3 ଦିନ ପାଇଁ ପାରିଶ୍ରମିକ ହେଉଛି ₹ 56.25, ତେବେ କେତେ ଜଣ ବ୍ୟକ୍ତି 5 ଦିନରେ ₹ 81.25 ଅର୍ଜନ କରିପାରିବେ?

- A) 12
- B) 13
- C) 14
- D) 15

18) Introducing A to his friend, V said, "He is the only son of the only daughter of my father", If V is a male, then how is A related to V?

- A) Niece
- B) Nephew
- C) Cousin
- D) Father

18) ନିଜ ବନ୍ଧୁଙ୍କ ସହିତ A ଙ୍କର ପରିଚୟ କରାଇ V କହିଲେ, "ସେ ହେଉଛନ୍ତି ମୋ ବାପାଙ୍କର ଏକମାତ୍ର ଝିଅର ଏକମାତ୍ର ପୁଅ", ଯଦି V ଜଣେ ପୁରୁଷ ହୋଇଥାନ୍ତି, ତେବେ A କିପରି ଭାବରେ Vଙ୍କ ସହିତ ସମ୍ପର୍କିତ?

- A) ଝିଆରୀ
- B) ଭଣଜା
- C) ସମ୍ପର୍କୀୟ ଭାଇ/ଭଉଣୀ
- D) ବାପା

19) Select one of the following four options that will make the 2nd pair analogous to the 1st pair given
House : Roof :: Earth : ?

- A) Mountain
- B) Air
- C) Atmosphere
- D) Sky

19) ନିମ୍ନଲିଖିତ ଚାରୋଟି ବିକଳ୍ପ ମଧ୍ୟରୁ ଗୋଟିଏ ଚୟନ କରନ୍ତୁ ଯାହାକି ଦିଆଯାଇଥିବା 1ମ ଯୋଡ଼ା ସଦୃଶ 2ୟ ଯୋଡ଼ା ପ୍ରସ୍ତୁତ କରିବ

ଘର : ଛାତ :: ପୃଥିବୀ : ?

- A) ପର୍ବତ
- B) ବାୟୁ
- C) ବାୟୁମଣ୍ଡଳ
- D) ଆକାଶ

20) Select one of the following four options that will make the 2nd pair analogous to the 1st pair given
Bird : Sky :: Fish : ?

- A) Oxygen
- B) Water
- C) Carbon
- D) Ship

20) ନିମ୍ନଲିଖିତ ଚାରୋଟି ବିକଳ୍ପ ମଧ୍ୟରୁ ଗୋଟିଏ ଚୟନ କରନ୍ତୁ ଯାହାକି ଦିଆଯାଇଥିବା 1ମ ଯୋଡ଼ା ସଦୃଶ 2ୟ ଯୋଡ଼ା ପ୍ରସ୍ତୁତ କରିବ

ଚଢ଼େଇ : ଆକାଶ :: ମାଛ : ?

- A) ଅମ୍ଳଜାନ
- B) ଜଳ
- C) କାର୍ବନ
- D) ଜାହାଜ

21) An LIC agent gets commission at 10% on first year premium and at 5% on subsequent years premium on a 5 year insurance policy of ₹ 80,000. If the annual rate of premium is ₹ 50 per thousand and 5 annual premiums have been paid, then what is the total earning of the agent?

- A) ₹ 800
- B) ₹ 1,000
- C) ₹ 1,200
- D) ₹ 1,500

21) ଜଣେ ଏଲଆଇସି ଏଜେଣ୍ଟ ₹ 80,000ର 5 ବର୍ଷିଆ ବୀମା ପଲିସି ବାବଦକୁ ପ୍ରଥମ ବର୍ଷର ପ୍ରିମିୟମ୍ ଉପରେ 10% କମିଶନ୍ ପାଆନ୍ତି ଏବଂ ପରବର୍ତ୍ତୀ ବର୍ଷଗୁଡ଼ିକରେ 5% କମିଶନ୍ ପାଆନ୍ତି। ଯଦି ବାର୍ଷିକ ପ୍ରିମିୟମ୍ ହାର ଏକ ହଜାର ପିଛା ₹ 50 ରହିଛି ଏବଂ 5ଟି ବାର୍ଷିକ ପ୍ରିମିୟମ୍ ପୈଠ କରାଯାଇଛି ତେବେ ଏଜେଣ୍ଟର ମୋଟ ଆୟ କ'ଣ ରହିଛି?

- A) ₹ 800
- B) ₹ 1,000
- C) ₹ 1,200
- D) ₹ 1,500

22) A tradesman marks his goods 10% above his cost price. If he allows the customers 10% discount on the marked price, how much profit or loss does he make, if any?

- A) 1% gain
- B) 1% loss
- C) 5% gain
- D) No gain, no loss

22) ଜଣେ ବ୍ୟବସାୟୀ ତାଙ୍କ ଜିନିଷକୁ କିଣା ମୂଲ୍ୟ ତୁଳନାରେ 40% ଅଧିକରେ ଚିହ୍ନିତ କରନ୍ତି। ଯଦି ସେ ଗ୍ରାହକମାନଙ୍କୁ ଚିହ୍ନିତ ମୂଲ୍ୟ ଉପରେ 10% ରିହାତି ଦିଅନ୍ତି, ଯଦି ଲାଭ ବା କ୍ଷତି ହୋଇଥାଏ ତେବେ କେତେ ପରିମାଣରେ ହୋଇଥାଏ?

- A) 1% ଲାଭ
- B) 1% କ୍ଷତି
- C) 5% ଲାଭ
- D) କୌଣସି ଲାଭ ନାହିଁ କି କ୍ଷତି ନାହିଁ

23) R, K and H went for lunch to a restaurant. R had ₹ 100 with him, K had ₹ 60 and H had ₹ 40. They got a bill for ₹ 104 and decided to give a tip of ₹ 16. They further decided to share the total expenses in the ratio of the amounts of money each carried. The amount of money which R paid more than what H paid is

- A) ₹ 120
- B) ₹ 60
- C) ₹ 24
- D) ₹ 36

23) R, K ଏବଂ H ମଧ୍ୟାହ୍ନ ଭୋଜନ ପାଇଁ ଏକ ଭୋଜନାଳୟକୁ ଗଲେ। R କି ପାଖରେ ₹ 100 ଥିଲା, K କି ପାଖରେ ₹ 60 ଏବଂ H କି ପାଖରେ ₹ 40 ଥିଲା। ସେମାନଙ୍କୁ ବିଲ୍ ₹ 104 ମିଳିଲା ଏବଂ ସେମାନେ ₹ 16 ର ଟିପ୍ପୁ ଦେବାକୁ ସ୍ଥିର କଲେ। ତାହା ପରେ ସେମାନେ ସ୍ଥିର କଲେ ଯେ ପ୍ରତ୍ୟେକଙ୍କ ପାଖରେ ରହିଥିବା ଟଙ୍କାର ପରିମାଣ ଅନୁଯାୟୀ ମୋଟ ଖର୍ଚ୍ଚ ସମାନୁପାତିକ ଭାବରେ ଭାଗ ବାଣ୍ଟି ଦେବେ। R ଯେଉଁ କରୁଥିବା ପରିମାଣ H ଯେଉଁ କରୁଥିବା ପରିମାଣ ତୁଳନାରେ କେତେ ଅଧିକ ହେବ?

- A) ₹ 120
- B) ₹ 60
- C) ₹ 24
- D) ₹ 36

24) A four member group consists of A, B, C & D. C's grandfather is the eldest of the four. D is C's daughter. B is D's grandfather. What is the right sequence of oldest to youngest (left to right) among the four given options?

- A) DCBA
- B) DBCA
- C) ACDB
- D) ABCD

24) ଏକ ଚାରିଜଣ ସଦସ୍ୟ ବିଶିଷ୍ଟ ଗୋଷ୍ଠୀ A, B, C ଏବଂ D କୁ ନେଇ ଗଠିତ। C କର ଜେଜେବାପା ହେଉଛନ୍ତି ଚାରିଜଣଙ୍କ ମଧ୍ୟରେ ସବୁଠୁ ବଡ଼। D ହେଉଛି C କର ଝିଅ। B ହେଉଛନ୍ତି D କର ଜେଜେବାପା। ଦିଆଯାଇଥିବା ଚାରୋଟି ବିକଳ୍ପ ମଧ୍ୟରେ ଜ୍ୟେଷ୍ଠରୁ କନିଷ୍ଠ (ବାମରୁ ଡାହାଣ)ର ସଠିକ୍ କ୍ରମ କ'ଣ?

- A) DCBA
- B) DBCA
- C) ACDB
- D) ABCD

25) Select one of the following four options that will make the 2nd pair analogous to the 1st pair given

Rainfall : Centimeter :: Frequency : ?

- A) Sound
- B) Megahertz
- C) Byte
- D) Hertz

25) ନିମ୍ନଲିଖିତ ଚାରୋଟି ବିକଳ୍ପ ମଧ୍ୟରୁ ଗୋଟିଏ ଚୟନ କରନ୍ତୁ ଯାହାକି ଦିଆଯାଇଥିବା 1ମ ଯୋଡ଼ା ସଦୃଶ 2ୟ ଯୋଡ଼ା ପ୍ରସ୍ତୁତ କରିବ

ବୃଷ୍ଟିପାତ : ସେଣ୍ଟିମିଟର :: ଫ୍ରିକ୍ୱାଏନ୍ସି ବା ପୁନଃପୌନିକତା : ?

- A) ଧ୍ୱନି
- B) ମେଗାହର୍ଜ
- C) ବାଇଟ୍
- D) ହର୍ଜ

Techofworld.in



Section 3 - Paper I Computer Literacy

No. of Questions: 10

26) Which of the following key combinations is used for selecting entire text in an MS - Word document?

- A) Tab + A
- B) Ctrl + A
- C) Alt + A
- D) Insert + A

26) MS - Word ଡକ୍ୟୁମେଣ୍ଟରେ ସମଗ୍ର ଟେକ୍ସ୍ଟକୁ ବାଛିବା ପାଇଁ ନିମ୍ନଲିଖିତ KEY ମିଶ୍ରଣଗୁଡ଼ିକ ମଧ୍ୟରୁ କେଉଁଟି ବ୍ୟବହୃତ ହୁଏ?

- A) Tab + A
- B) Ctrl + A
- C) Alt + A
- D) Insert + A

27) Which one of the following is used to permanently store the data in a computer?

- A) Primary Memory
- B) Secondary Memory
- C) Register
- D) Cache

27) ନିମ୍ନଲିଖିତ ମଧ୍ୟରୁ କେଉଁଟି କମ୍ପ୍ୟୁଟରରେ ତାତାକୁ ସ୍ଥାୟୀ ଭାବରେ ସ୍ଟୋର୍ କରିବା ପାଇଁ ବ୍ୟବହୃତ ହୁଏ?

- A) ପ୍ରାଥମିକ ମେମୋରୀ
- B) ସେକେଣ୍ଡେରୀ ମେମୋରୀ
- C) ରେଜିଷ୍ଟର୍
- D) Cache

28) Which of the following device is used in banks to process the cheques?

- A) MICR
- B) OCR
- C) OMR
- D) Digitizer

28) ଟେକ୍ ପ୍ରକ୍ରିୟା କରଣ ପାଇଁ ବ୍ୟାକଗ୍ରୁଡିକରେ ନିମ୍ନଲିଖିତ ମଧ୍ୟରୁ କେଉଁ ଡିଭାଇସ୍ ବ୍ୟବହୃତ ହୁଏ?

- A) MICR
- B) OCR
- C) OMR
- D) Digitizer

29) Which part of the computer is considered as the brain?

- A) Printer
- B) Monitor
- C) CPU
- D) Scanner

29) କମ୍ପ୍ୟୁଟରର କେଉଁ ଅଂଶକୁ ମସ୍ତିଷ୍କ ଭାବରେ ବିବେଚନା କରାଯାଏ?

- A) ପ୍ରିଣ୍ଟର୍
- B) ମନିଟର୍
- C) ସିପିୟୁ
- D) ସ୍କାନର୍

30) Popular video streaming website **Youtube** is owned by which company?

- A) Apple
- B) Microsoft
- C) Youtube
- D) Google

30) ଲୋକପ୍ରିୟ ଭିଡିଓ ଷ୍ଟ୍ରିମିଂ ସେବାକର୍ **Youtube** କେଉଁ କମ୍ପାନୀର ମାଲିକାନାରେ ଅଛି?

- A) Apple
- B) Microsoft
- C) Youtube
- D) Google



31) Which shortcut key is used to play a slide show from the current slide?

- A) F5
 - B) Ctrl + F5
 - C) Shift + F5
 - D) Alt + F5
-

31) କରେଣ୍ଟ ସ୍ଲାଇଡ୍ ରୁ ଏକ ସ୍ଲାଇଡ୍ ସୋ ଆରମ୍ଭ କରିବା ପାଇଁ କେଉଁ ସର୍ଟକଟ୍ KEY ବ୍ୟବହୃତ ହୁଏ?

- A) F5
 - B) Ctrl + F5
 - C) Shift + F5
 - D) Alt + F5
-

32) Which of the following is a Magnetic Storage Device ?

- A) CD
 - B) DVD
 - C) HDD
 - D) B-R Disk
-

32) ନିମ୍ନଲିଖିତ ମଧ୍ୟରୁ କେଉଁଟି ଏକ ତୁମ୍ବକୀୟ ଷ୍ଟୋରେଜ୍ ଡିଭାଇସ୍ ?

- A) CD
 - B) DVD
 - C) HDD
 - D) B-R ଡିସ୍କ
-

33) What does ".com" in a web address indicate?

- A) Commercial
- B) Communications
- C) Command
- D) Community



33) ଏକ ୱେବ୍ ଠିକଣାରେ ".com" କଣ ସୂଚିତ କରେ?

- A) ବାଣିଜ୍ୟିକ
- B) ଯୋଗାଯୋଗ
- C) କମ୍ପ୍ୟୁଟର
- D) ଗୋଷ୍ଠି

34) Which of the following portal is related to automate Vehicle registration, Driving licence and Vehicle permit related activities in transport authorities across the country ?

- A) Parivahan
- B) m-Vahan
- C) Gaadi
- D) m-Sarathi

34) ନିମ୍ନଲିଖିତ ମଧ୍ୟରୁ କେଉଁ ପୋର୍ଟାଲ୍ ସମଗ୍ର ଦେଶରେ ପରିବହନ କର୍ତ୍ତୃପକ୍ଷଙ୍କ ମଧ୍ୟରେ ଯାନ ପଞ୍ଜୀକରଣ, ଡ୍ରାଇଭିଂ ଲାଇସେନ୍ସ ଏବଂ ଯାନ ଅନୁମତି ସମ୍ପର୍କୀୟ କାର୍ଯ୍ୟକଳାପକୁ ସ୍ୱୟଂଚାଳିତ କରିବା ସହିତ ଜଡ଼ିତ?

- A) Parivahan
- B) m-Vahan
- C) Gaadi
- D) m-Sarathi

35) Which of the following can be used to connect to internet?

- A) Modem
- B) USB Flash Disk
- C) Firewall
- D) Web-browser

35) ଇଣ୍ଟରନେଟ୍ ସହିତ ସଂଯୋଗ କରିବାକୁ ନିମ୍ନଲିଖିତ ମଧ୍ୟରୁ କେଉଁଟି ବ୍ୟବହାର କରାଯାଇପାରିବ?

- A) ମୋଡମ୍
- B) ୟୁଏସ୍ଏଫ୍ ଫ୍ଲାସ୍ ଡିସ୍କ
- C) ଫାୟାରୱାଲ୍
- D) ୱେବ୍-ବ୍ରାଉଜର୍

Section 4 - Paper I Pedagogy and Evaluation

No. of Questions: 15

36) Which of the following statements is TRUE?

- A) People learn at different rates
- B) People learn at only one level
- C) People learn at only moderate rates
- D) People learn at same rates

36) ନିମ୍ନଲିଖିତ ଉଚ୍ଚିଗୁଡ଼ିକ ମଧ୍ୟରୁ କେଉଁଟି ସତ୍ୟ?

- A) ଲୋକମାନେ ବିଭିନ୍ନ ହାରରେ ଶିଖନ୍ତି
- B) ଲୋକମାନେ କେବଳ ଗୋଟିଏ ସ୍ତରରେ ଶିଖନ୍ତି
- C) ଲୋକମାନେ କେବଳ ମଧ୍ୟମ ହାରରେ ଶିଖନ୍ତି
- D) ଲୋକମାନେ ସମାନ ହାରରେ ଶିଖନ୍ତି

37) The four types of learning styles: Visual, Auditory, Reading/Writing Preference, and Kinesthetic are referred to as

- A) WARK
- B) VARC
- C) WARC
- D) VARK

37) ଚାରି ପ୍ରକାରର ଶିକ୍ଷଣ ଶୈଳୀ : ଦୃଶ୍ୟ, ଶ୍ରବଣ, ପଠନ/ଲେଖନ ଅଗ୍ରାଧିକାର, ଏବଂ ଗତି ସଂବେଦୀକୁ କୁହାଯାଏ

- A) WARK
- B) VARC
- C) WARC
- D) VARK

38) In the Constructivist approach, assessment is

- A) Formative
- B) Summative
- C) Prognostic
- D) Diagnostic

38) ସଂଗଠନବାଦ ଉପାଗମରେ ନିର୍ଦ୍ଧାରଣ ହେଉଛି

- A) ଗଠନ ମୂଳକ
 - B) ସମାପ୍ତି ସୂଚକ
 - C) ପୂର୍ବସୂଚକ
 - D) ନୈଦାନିକ
-

39) AOL stands for

- A) Assessment for learning
 - B) Assessment as Learning
 - C) Assessment of learners
 - D) Assesment of learning
-

39) AOL ର ବିସ୍ତାର ରୂପ ହେଉଛି-

- A) ଏସେସମେଣ୍ଟ ଫର୍ ଲର୍ନିଙ୍ଗ
 - B) ଏସେସମେଣ୍ଟ ଏଜ୍ ଲର୍ନିଙ୍ଗ
 - C) ଏସେସମେଣ୍ଟ ଅଫ୍ ଲର୍ନର୍ସ
 - D) ଏସେସମେଣ୍ଟ ଅଫ୍ ଲର୍ନିଙ୍ଗ
-

40) The method of finding through experience is

- A) Demonstrative method
 - B) Lecture-cum-Demonstration method
 - C) Problem solving method
 - D) Heuristic/Discovery method
-

40) ଅଭିଜ୍ଞତା ମାଧ୍ୟମରେ ଖୋଜିବାର ପଦ୍ଧତି ହେଉଛି-

- A) ପ୍ରଦର୍ଶନମୂଳକ ପଦ୍ଧତି
- B) ଅଧ୍ୟାପନା-ବନାମ-ପ୍ରଦର୍ଶନ ପଦ୍ଧତି
- C) ସମସ୍ୟା ସମାଧାନ ପଦ୍ଧତି
- D) ଆନେକ୍ଷଣ ମରଣ/ ଆବିଷ୍କାର ମଜ୍ଜନ

41) Which of the following evaluations is conducted before teaching learning transactions are initiated?

- A) Formative Evaluation
- B) Placement Evaluation
- C) Summative Evaluation
- D) Normative Evaluation

41) ଶିକ୍ଷାଦାନ ଶିକ୍ଷଣ ନେଣଦେଣ ଆରମ୍ଭ କରିବା ପୂର୍ବରୁ ନିମ୍ନଲିଖିତ ମୂଲ୍ୟାୟନଗୁଡ଼ିକ ମଧ୍ୟରୁ କେଉଁଟି କରାଯାଏ?

- A) ଗଠନ ମୂଳକ ମୂଲ୍ୟାୟନ
- B) ବ୍ୟବସ୍ଥାନ ମୂଲ୍ୟାୟନ
- C) ସମାପ୍ତି ସୂଚକ ମୂଲ୍ୟାୟନ
- D) ଆବର୍ଣ୍ଣ ମୂଲ୍ୟାୟନ

42) Carl Rogers believed in

- A) concept of human relations
- B) concept of self awareness
- C) concept of self learning
- D) concept of delegation

42) କାର୍ଲ ରୋଜର୍ସ ବିଶ୍ୱାସ କରନ୍ତି

- A) ମାନବ ସମ୍ପର୍କର ଧାରଣା ରେ
- B) ଆତ୍ମ ସଚେତନତାର ଧାରଣା ରେ
- C) ଆତ୍ମ ଶିକ୍ଷଣର ଧାରଣା ରେ
- D) ପ୍ରତିନିଧୀକ ଧାରଣା ରେ

43) TLMs make learning

- A) Practical and fun for children
- B) Boring and exhaustive
- C) Challenging and complex
- D) Similar and distracting

43) TLMs ଶିକ୍ଷଣକୁ କ'ଣ କରେ?

- A) ପିଲାମାନଙ୍କ ପାଇଁ ବ୍ୟବହାରିକ ଏବଂ ମଜାଳିଆ ବନାଏ
- B) ବିରକ୍ତିକର ଏବଂ କ୍ଳାନ୍ତିକର ବନାଏ
- C) କଷ୍ଟକର ଏବଂ ଜଟିଳ ବନାଏ
- D) ସମାନ ଏବଂ ବିଭ୍ରାନ୍ତକାରୀ ବନାଏ

44) Demonstration method works on the principle

- 1) Child centeredness
- 2) Activity centeredness
- 3) Lecture centered

- A) Only 3
- B) 1 and 2
- C) 1, 2 and 3
- D) Only 1

44) ପ୍ରଦର୍ଶନ ପଦ୍ଧତି କେଉଁ ନୀତି ଉପରେ କାର୍ଯ୍ୟ କରେ?

- 1) ଶିଶୁ କେନ୍ଦ୍ରୀଭୂତତା
- 2) କାର୍ଯ୍ୟକଳାପ କେନ୍ଦ୍ରୀଭୂତତା
- 3) ବକ୍ତୃତା କୈନ୍ଦ୍ରିକ

- A) କେବଳ 3
- B) 1 ଏବଂ 2
- C) 1, 2 ଏବଂ 3
- D) କେବଳ 1

45) Which of the following is TRUE in case of formative assessments?

- A) Formative assessment can never measure students or teachers progress
- B) Formative assessment provides feedback during the instructional process
- C) These assessments typically are either graded by teachers or students
- D) Observations during in-class activities are not a part of formative assessments

45) ଗଠନ ମୂଳକ ନିର୍ଦ୍ଧାରଣ କ୍ଷେତ୍ରରେ ନିମ୍ନଲିଖିତ ମଧ୍ୟରୁ କେଉଁଟି ସତ୍ୟ ଅଟେ?

- A) ଗଠନ ମୂଳକ ନିର୍ଦ୍ଧାରଣ କଦାପି ଛାତ୍ର କିମ୍ବା ଶିକ୍ଷକଙ୍କ ପ୍ରଗତିକୁ ମାପି ପାରିବ ନାହିଁ
- B) ଗଠନ ମୂଳକ ନିର୍ଦ୍ଧାରଣ ନିର୍ଦ୍ଦେଶାବଳୀ ପ୍ରକ୍ରିୟା ସମୟରେ ମତାମତ ପ୍ରଦାନ କରେ
- C) ଏହି ନିର୍ଦ୍ଧାରଣ ଗୁଡ଼ିକ ସାଧାରଣତଃ ଶିକ୍ଷକ କିମ୍ବା ଛାତ୍ରମାନଙ୍କ ଦ୍ୱାରା ମୂଲ୍ୟର କ୍ରମ(ଗ୍ରେଡ୍) କରାଯାଏ
- D) ଶ୍ରେଣୀରେ କାର୍ଯ୍ୟକଳାପ ସମୟରେ ପର୍ଯ୍ୟବେକ୍ଷଣ ଗଠନ ମୂଳକ ନିର୍ଦ୍ଧାରଣର ଏକ ଅଂଶ ନୁହେଁ

46) Self Assessment is an integral part of

- A) Assessment for learner
- B) Assessment as learning
- C) Assessment for learning
- D) Assessment as learner

46) ଆତ୍ମ ନିର୍ଦ୍ଧାରଣ କାହାର ଏକ ଅବିଚ୍ଛେଦ୍ୟ ଅଙ୍ଗ ଅଟେ?

- A) ଶିକ୍ଷାର୍ଥୀ ପାଇଁ ନିର୍ଦ୍ଧାରଣ
- B) ଶିକ୍ଷଣ ଭାବରେ ନିର୍ଦ୍ଧାରଣ
- C) ଶିକ୍ଷଣ ପାଇଁ ନିର୍ଦ୍ଧାରଣ
- D) ଶିକ୍ଷାର୍ଥୀ ଭାବରେ ନିର୍ଦ୍ଧାରଣ

47) A person's amount of learning mainly depends on

- A) maturation
- B) repetition
- C) readiness
- D) motivation

47) ଜଣେ ବ୍ୟକ୍ତିଙ୍କ ଶିକ୍ଷଣର ପରିମାଣ ମୁଖ୍ୟତଃ କାହା ଉପରେ ନିର୍ଭର କରେ?

- A) ପରିପକ୍ୱତା
- B) ପୁନରାବୃତ୍ତି
- C) ପ୍ରସ୍ତୁତି
- D) ଅଭିପ୍ରେରଣ

48) Match the concepts in Column I with those mentioned in Column II.

Column I	Column II
1. Intrinsic Motivation	a. External
2. Extrinsic Motivation	b. Readiness for learning
3. Maturation	c. Internal

- A) 1b 2a 3c
 B) 3a 1c 2b
 C) 1a 2b 3c
 D) 1c 2a 3b

48) ସ୍ତମ୍ଭ I ରେ ଥିବା ଧାରଣା ସହିତ ସ୍ତମ୍ଭ II ରେ ଥିବା ସମ୍ବନ୍ଧିତ ଅଂଶ କୁ ମେଳ କରନ୍ତୁ

ସ୍ତମ୍ଭ I	ସ୍ତମ୍ଭ II
1. ଅନ୍ତଃ ଅଭିପ୍ରେରଣ	a. ବାହ୍ୟ
2. ବାହ୍ୟ ଅଭିପ୍ରେରଣ	b. ଶିକ୍ଷଣ ପାଇଁ ପ୍ରସ୍ତୁତି
3. ପରିପକ୍ୱତା	c. ଅନ୍ତଃ

- A) 1b 2a 3c
 B) 3a 1c 2b
 C) 1a 2b 3c
 D) 1c 2a 3b

49) Which of the following statements about assessment for learning is correct?

- A) Teacher focuses on the overall thinking process and conceptual understanding of learners.
 B) Teacher focuses on comparison with peer responses only.
 C) Teacher focuses on comparison with standard responses only.
 D) Teacher focuses on comparison with ideal responses only.

49) ଶିକ୍ଷଣ ପାଇଁ ନିର୍ଦ୍ଧାରଣ ବିଷୟରେ ନିମ୍ନଲିଖିତ ବିବୃତ୍ତି ଗୁଡ଼ିକ ମଧ୍ୟରୁ କେଉଁଟି ସଠିକ୍?

- A) ଶିକ୍ଷକ ଶିକ୍ଷାର୍ଥୀମାନଙ୍କର ସାମଗ୍ରିକ ଚିନ୍ତାଧାରା ଏବଂ ଧାରଣା ବୁଝାମଣା ଉପରେ ଧ୍ୟାନ ଦିଅନ୍ତି।
 B) ଶିକ୍ଷକ କେବଳ ସାଥୀଶିକ୍ଷାର୍ଥୀ ମାନଙ୍କର ପ୍ରତିକ୍ରିୟା ସହିତ ତୁଳନା ଉପରେ ଧ୍ୟାନ ଦିଅନ୍ତି।
 C) ଶିକ୍ଷକ କେବଳ ମାନକ ପ୍ରତିକ୍ରିୟା ସହିତ ତୁଳନା ଉପରେ ଧ୍ୟାନ ଦିଅନ୍ତି।
 D) ଶିକ୍ଷକ କେବଳ ଆଦର୍ଶ ପ୍ରତିକ୍ରିୟା ସହିତ ତୁଳନା ଉପରେ ଧ୍ୟାନ ଦିଅନ୍ତି।

50) Carl Rogers has described concepts of

- A) heridity approach
- B) experimental approach
- C) humanistic approach
- D) avoidanceapproach

50) କାର୍ଲ ରୋଜର୍ସ କେଉଁ ଧାରଣା ବିଷୟରେ ବର୍ଣ୍ଣନା କରିଛନ୍ତି?

- A) ବଂଶାନୁକ୍ରମିକ ଉପାଗମ
- B) ସଂପରାକ୍ଷଣ ଉପାଗମ
- C) ମାନବତାବାଦୀ ଉପାଗମ
- D) ପରିହାର ଉପାଗମ

Techofworld.com



Section 5 - Paper II Chemistry

No. of Questions: 30

51) What is the approximate molecular mass of heavy water?

- A) 16
 - B) 18
 - C) 20
 - D) 22
-

52) Who among the following scientists introduced the mole concept?

- A) Antoine Lavoisier
 - B) J.L.Proust
 - C) John Dalton
 - D) Wilhelm Ostwald
-

53) Which of the following chemical compounds has ionic bond?

- A) CO_2
 - B) CH_4
 - C) NH_3
 - D) NaCl
-

54) Which of the following options is a favourable condition for the formation of a covalent bond?

- A) Ionisation energy of both the atoms involved in bonding must be high
 - B) Low ionisation enthalpy of metal atom
 - C) High electron gain enthalpy of non-metal atom
 - D) High lattice energy of the compound formed
-

55) Which of the following statements is CORRECT for dissolution of solids in liquids (solid-solution equilibria)?

- A) Vapour pressure is constant at a given temperature
- B) Solubility is constant at a given temperature
- C) Amount of solid in liquid remains constant
- D) Concentration of liquid is proportional to the pressure

56) Identify the type of equilibrium for the reaction, $\text{H}_2(\text{g}) + \text{I}_2(\text{g}) \leftrightarrow 2\text{HI}(\text{g})$.

- A) Homogeneous equilibrium
 - B) Heterogeneous equilibrium
 - C) Physical equilibrium
 - D) Gas-solution equilibrium
-

57) Which of the following is a redox reaction?

- A) $\text{HCl} + \text{KOH} \rightarrow \text{KCl} + \text{H}_2\text{O}$
 - B) $\text{Fe} + 2\text{HCl} \rightarrow \text{FeCl}_2 + \text{H}_2$
 - C) $\text{Ca}(\text{OH})_2 + 2\text{NH}_4\text{Cl} \rightarrow \text{CaCl}_2 + 2\text{NH}_4\text{OH}$
 - D) $\text{CH}_3\text{COONa} + \text{HBr} \rightarrow \text{CH}_3\text{COOH} + \text{NaBr}$
-

58) Which of the following represent elements present in groups 3 to 12 in the modern periodic table?

- A) Normal elements
 - B) Noble gases
 - C) Transition elements
 - D) Inner transition elements
-

59) Which of the following ores has the molecular formula ZnCO_3 ?

- A) Haematite
 - B) Calamine
 - C) Malachite
 - D) Bauxite
-

60) Alkenes treated with cold dilute potassium permanganate solution form which of the following organic compounds?

- A) Glycols
- B) Carboxylic acids
- C) Aldehydes
- D) Alcohols

61) The structure of methane molecule is

- A) tetrahedral in shape
 - B) square planar in shape
 - C) pyramidal in shape
 - D) trigonal planar in shape
-

62) The atomic number of Carbon is 6 which means it has 4 electrons in the outermost shell, hence we can say that Carbon shows:

- A) pentavalency
 - B) divalency
 - C) trivalency
 - D) tetravalency
-

63) The volume of a given mass of gas is inversely proportional to its pressure at a constant temperature. This statement is referred to as:

- A) Boyle's law
 - B) Charle's law
 - C) Avogadro's law
 - D) Dalton's law
-

64) What should be the ratio of velocities of electron in various Bohr orbits of Hydrogen atom?

- A) 1:2:3:4
 - B) 1:2:4:8
 - C) $1:1/2:1/3:1/4$
 - D) $1:1/2:1/4:1/8$
-

65) Which of the following is the name given to a series of spectral emission lines of the hydrogen atom that result from electron transitions from higher levels down to the energy level with principal quantum number 4?

- A) Balmer series
- B) Paschen series
- C) Brackett series
- D) Pfund series

66) How much volume of is occupied by 1.5055×10^{23} atoms of ethane at Standard Temperature and Pressure?

- A) 11.2 litres
- B) 5.6 litres
- C) 22.4 litres
- D) 16.8 litres

67) What is the total number of electron pairs in BF_3 molecule?

- A) 2 electron pairs
- B) 3 electron pairs
- C) 4 electron pairs
- D) 6 electron pairs

68) Calculate the solubility of AgCl in pure water. [Solubility product (K_{sp}) of AgCl = 2.8×10^{-10} ; $(2.8)^{0.5} = 1.67$]

- A) $1.67 \times 10^{-3} \text{ mol / dm}^3$
- B) $1.67 \times 10^{-7} \text{ mol / dm}^3$
- C) $1.67 \times 10^{-5} \text{ mol / dm}^3$
- D) $1.67 \times 10^{-10} \text{ mol / dm}^3$

69) What is the pH range of phenolphthalein commonly used as indicator in titration experiments?

- A) 2 to 4
- B) 3 to 5
- C) 6 to 8
- D) 8 to 10

70) Which of the following is an oxidising agent?

- A) NH_3
- B) KMnO_4
- C) H_2S
- D) H_2Te

71) Which of the following are isoelectronic species?

- A) Li and Mg
 - B) Li⁺ and Mg²⁺
 - C) Na and Mg
 - D) Na⁺ and Mg²⁺
-

72) Which of the following options is CORRECT regarding first ionization energy (IE1), second ionization energy (IE2) and third ionization energy (IE3)?

- A) IE1 > IE2 > IE3
 - B) IE3 > IE2 > IE1
 - C) IE2 > IE1 > IE3
 - D) IE2 > IE3 > IE1
-

73) Which of the following methods is used for removing gangue from sulphide ores?

- A) Leaching
 - B) Froth floatation process
 - C) Magnetic separation
 - D) Hydraulic washing
-

74) Which of the following reactions represent Hall-Heroult process?

- A) $\text{Fe}_2\text{O}_3 + 3\text{C} \rightarrow 2\text{Fe} + 3\text{CO}$
 - B) $\text{Cu}_2\text{O} + \text{C} \rightarrow 2\text{Cu} + \text{CO}$
 - C) $2\text{Al}_2\text{O}_3 + 3\text{C} \rightarrow 4\text{Al} + 3\text{CO}_2$
 - D) $\text{ZnO} + \text{C} \rightarrow \text{Zn} + \text{CO}$
-

75) Which of the following options represent the CORRECT order in which the reactivity of the halogens decreases in halogenation reactions?

- A) $\text{Cl}_2 < \text{I}_2 > \text{F}_2 < \text{Br}_2$
- B) $\text{Br}_2 > \text{I}_2 > \text{F}_2 > \text{Cl}_2$
- C) $\text{F}_2 > \text{Cl}_2 > \text{Br}_2 > \text{I}_2$
- D) $\text{I}_2 > \text{F}_2 < \text{Br}_2 > \text{Cl}_2$

76) A carboxylic acid undergoes decarboxylation reaction in presence of sodalime to produce

- A) alkane
 - B) alkyne
 - C) alkene
 - D) alkoxides
-

77) The IUPAC name of the organic compound Neopentane is:

- A) n-pentane
 - B) 2-methyl butane
 - C) 2,3-dimethylbutane
 - D) 2,2-dimethylpropane
-

78) Identify the option which represents Charle's law.

- A) $PT = k$ (proportionality constant) at constant V
 - B) $PV = k$ (proportionality constant) at constant T
 - C) $V / T = k$ (proportionality constant) at constant P
 - D) $PV = nRT$
-

79) Which among the following indicates ideal gas equation?

- A) $PV = k$ (proportionality constant) at constant T
 - B) $P / T = k$ (proportionality constant) at constant V
 - C) $V / T = k$ (proportionality constant) at constant P
 - D) $PV = nRT$ (R is the universal gas constant)
-

80) Calculate the wavelength (in metre) of a ball of mass 0.2 kg moving with a velocity of 5 m/s? [$h=6.626 \times 10^{-34} \text{ kgm}^2/\text{s}$]

- A) 6.626×10^{-34}
- B) 6.026×10^{-33}
- C) 6.326×10^{-27}
- D) 6.606×10^{-26}

Section 6 - Paper II Botany

No. of Questions: 35

81) Which of the following is a natural auxin produced by plants?

- A) Indole butyric acid
- B) Cytokinin
- C) Ethylene
- D) ABA

82) Plants that require a specific day length for flowering to be triggered are called

- A) Photoperiodism
- B) Thermoperiodism
- C) Vernalization
- D) Dormancy

83) Suppression of Lateral buds by the apex is regulated by which plant growth regulator?

- A) IAA
- B) GA
- C) Ethylene
- D) Cytokinin

84) Which plant growth regulators are also called as "stress hormone"?

- A) Abscisic acid
- B) Ethylene
- C) Auxin
- D) Cytokinin

85) An individual that possesses two identical alleles is known as

- A) Hetrozygote
- B) Homozygote
- C) Genotype
- D) Phenotype

86) The characters which are transmitted quite or almost unchanged in the hybridization process and therefore in themselves constitute the characters of the hybrid are known as

- A) dominant characters
 - B) recessive characters
 - C) first filial generation
 - D) second filial generation
-

87) When the genetic basis of one character is investigated in breeding experiment, that type of cross is known as

- A) Monohybrid cross
 - B) Dihybrid cross
 - C) Trihybrid cross
 - D) Tetrahybrid cross
-

88) Which Law states that the two alleles of a gene separate (segregate) during gamete formation, so that a sperm or an egg carries only one allele of each pair?

- A) The Law of Dominance
 - B) The Law of Segregation
 - C) The Law of Independent Assortment
 - D) The Law of Incomplete Dominance
-

89) What is the phenotypic ratio in the hypothesis of independent assortment F₂ generation?

- A) 1:2:1
 - B) 9:7
 - C) 9:3:3:1
 - D) 3:1
-

90) ATP is an energy-carrying molecule found in the cells of all living things. What is the full form of acronym ATP?

- A) Amino acid Triphosphate
- B) Adenosine Triphosphate
- C) Adenosine Tetra phosphate
- D) Alanine Triphosphate

91) RuBisCO is involved in photosynthesis of plant. It acts as

- A) Hormone
 - B) Enzyme
 - C) Inhibitors
 - D) Substrate
-

92) Stomata in CAM plants are closed during which period?

- A) Day
 - B) Night
 - C) Moon Light
 - D) Dark Light
-

93) How many turns of the Calvin or C₃ cycle are required for synthesis of one molecule of hexose sugar?

- A) Three
 - B) Four
 - C) Five
 - D) Six
-

94) In which cycle Carbon dioxide and Water combine with five-Carbon acceptor molecule and the products are converted to sugar?

- A) C₂
 - B) C₃
 - C) C₄
 - D) CAM
-

95) The Grass and Sedge family as especially rich in which of the following species?

- A) C₂
- B) C₃
- C) C₄
- D) CAM

96) The Blast disease of Rice caused by which pathogen?

- A) *Pyricularia oryzae*
- B) *Xanthomonas oryzae*
- C) *Sclerotium oryzae*
- D) *Entyloma oryzae*

97) Rust and Smut both diseases of plants are caused by pathogenic fungi belonging to the class

- A) Basidiomycetes
- B) Ascomycetes
- C) Zygomycetes
- D) Deuteromycetes

98) R.H. Whittaker proposed a classification system for all living organisms, named as

- A) Two Kingdom Classification
- B) Three Kingdom Classification
- C) Four Kingdom Classification
- D) Five Kingdom Classification

99) IUCN is an organization working in the field of nature conservation and sustainable use of natural resources. What is the full form of Acronym IUCN?

- A) International Union for Conservation of Nature and Natural Resources
- B) International Unit for Conservation of Nature and National area
- C) Indian Union for Conservation of Natural Resources and Nation
- D) International Unit for Conservation of Nature and Natural Resources

100) In which plant group, Gametophyte is main plant body?

- A) Bryophytes
- B) Pteridophytes
- C) Gymnosperm
- D) Angiosperm

101) An area of endemic species with large number of endangered and threatened species are known as

- A) Biodiversity hotspots
 - B) Protected area
 - C) Ecozone
 - D) Nature reserve
-

102) Which type of habitat shown by Lycopodium?

- A) Epiphytes
 - B) Hydrophytes
 - C) Xerophytes
 - D) Marine
-

103) When two type of spore are produce in the same strobilus in Pteridophytes, this phenomenon is known as

- A) Heterothallism
 - B) Hetrospory
 - C) Homogamy
 - D) Autogamy
-

104) Who discovered the process of double fertilization in angiosperms?

- A) Gregor Johann Mendel
 - B) Sergei Gavrilovich Navashin
 - C) Robert Hook
 - D) Hugo de Vries
-

105) In tissue culture, explants are derived from which part of the plant for large scale production of virus-free stock?

- A) Apical meristem
- B) Lateral meristem
- C) Intercalary meristem
- D) Embrvosac

106) Pollen grains are generally spherical and has a prominent two-layered wall. The hard outer layer is called

- A) exine
 - B) intine
 - C) germ pores
 - D) tapetum
-

107) In a structure of a mature ovule, the number of antipodal cells are

- A) 3
 - B) 1
 - C) 2
 - D) 4
-

108) Which term used for the process of development of egg into an embryo without fertilization?

- A) Parthenogenesis
 - B) Meiosis
 - C) Mitosis
 - D) Micropropagation
-

109) Which term used in Grafting for the rooted shoot of one plant?

- A) Stock
 - B) Scion
 - C) Bud
 - D) Clone
-

110) Which of the following vascular tissue have cytoplasm without nucleus?

- A) Sieve tube
- B) Phloem parenchyma
- C) Companion cell
- D) Xylem parenchyma

111) In root a cup like region of passive cells lying between the root cap and active root meristem is termed as

- A) Periblem
 - B) Quiescent centre
 - C) Calyprogen
 - D) Plerome
-

112) Tyloses are an out growth of parenchyma cells which block the flow with the help of which vascular tissue?

- A) Xylem vessels
 - B) Sieve tubes
 - C) Phloem parenchyma
 - D) Companion cell
-

113) Y-shaped xylem vessels in vascular bundle are present in which type of stem?

- A) only dicot stem
 - B) only monocot stem
 - C) both dicot and monocot stem
 - D) neither dicot nor monocot stem
-

114) Conjoint, collateral and open vascular bundles is characteristic feature of which type of stem?

- A) Only dicot stem
 - B) Only monocot stem
 - C) Both dicot and monocot stem
 - D) Neither dicot nor monocot stem
-

115) The cambium that arises within the bundles of primary vascular tissues of the stem is called

- A) Intra-fascicular cambium
- B) Inter-fascicular cambium
- C) Stratified cambium
- D) Non-Stratified cambium

Section 7 - Paper II Zoology

No. of Questions: 35

116) Which of the following proteins in plasma are needed for clotting or coagulation of blood?

- A) Albumins
- B) Globulins
- C) Histamine
- D) Fibrinogens

117) The hormone thrombopoietin stimulates the formation of

- A) RBC
- B) WBC
- C) T Cells
- D) Platelets

118) The gaps between the two adjacent myelin sheaths in a neuron are called

- A) Schwann cells
- B) Nissle's granules
- C) Nodes of Ranvier
- D) Purkinje fibres

119) The gland secretes the hormone which saves lives is

- A) Thyroid gland
- B) Pituitary gland
- C) Pineal gland
- D) Adrenal gland

120) Choose the action of the term " Apoptosis".

- A) Cell division
- B) Cell growth
- C) Cell death
- D) Cell development

121) How many fatty acid chains are present in the plasma membrane phospholipids?

- A) One
 - B) Two
 - C) Three
 - D) Four
-

122) A place in the environment where a living organism lives and grows naturally is defined as

- A) Ecological niche
 - B) Biome
 - C) Habitat
 - D) Ecology
-

123) Read the following statements and choose the CORRECT option:

(i) Energy in ecosystem always flows in unidirectional manner

(ii) Energy flows progressively from one trophic level to another and cannot revert back

- A) (i) and (ii) are TRUE
 - B) (i) is TRUE and (ii) is FALSE
 - C) (i) is FALSE and (ii) is TRUE
 - D) (i) and (ii) are FALSE
-

124) The process through which populations of living organisms adapt and change is

- A) isolation
 - B) mutation
 - C) variation
 - D) natural selection
-

125) The part of nephron which mainly concentrates or dilutes urine is

- A) Proximal Convoluted tubule
- B) Distal Convoluted tubule
- C) Loop of Henle
- D) Collecting duct

126) 5-Bromouracil (5-BU) is a base analogs of

- A) Thymine
- B) Cytosine
- C) Guanine
- D) Adenine

127) A diet that contains the proper proportions of carbohydrates, fats, proteins, vitamins, minerals, and water necessary to maintain good health is called as

- A) Low calorie Diet
- B) Vegetarian Diet
- C) Balanced Diet
- D) Fruitarian Diet

128) Which of the following helps in maintaining the low temperature of the testes necessary for spermatogenesis?

- A) Leydig cell
- B) Scrotum
- C) Seminiferous tubules
- D) Prostate

129) The net gain of ATP molecules in glycolysis during aerobic respiration is

- A) 6
- B) 8
- C) 4
- D) 3

130) Citric acid cycle takes place in

- A) cytoplasm
- B) mitochondria
- C) nucleus
- D) lysosome

131) Which is the TRUE statement of Amoeba?

- A) Classified as Monera
 - B) Classified as Protista
 - C) Classified as Fungi
 - D) Classified as Eubacteria
-

132) Blue Green algae are found in the kingdom of

- A) Animalia
 - B) Fungi
 - C) Monera
 - D) Plantae
-

133) Plasma without the clotting factors is called

- A) fluid matrix
 - B) serum
 - C) thrombin
 - D) megakaryocytes
-

134) Medulla oblongata, cerebellum and pons are the parts of

- A) Midbrain
 - B) Forebrain
 - C) Hindbrain
 - D) Cerebrum
-

135) Which phase marks the period during which DNA synthesis or replication takes place?

- A) M phase
- B) G1 phase
- C) S phase
- D) G2 phase

136) Which enzyme is called Kornberg enzyme?

- A) DNA polymerase I
- B) DNA ligase
- C) RNA polymerase I
- D) DNA helicase

137) Which of the following is NOT a cause of biodiversity losses?

- A) Co-extinction
- B) Alien species invasions
- C) Over exploitation
- D) Renewing forests

138) The single horned Rhinoceros is protected at

- A) Kanha national park
- B) Kaziranga national park
- C) Anshi national park
- D) Rajiv gandhi national park

139) Which of the following statements is INCORRECT about Darwinism?

- A) It considers reproductive isolation as a major factor in new species formation
- B) It considers all inheritable favourable variation
- C) It does not explain the reason for variation
- D) It is the original concept postulated by Darwin

140) The change in the frequency of an existing gene variant (allele) in a population due to random sampling of organisms is

- A) Genetic drift
- B) Natural selection
- C) Meiotic drive
- D) Mutation

141) The portion of the nephron that primarily helps to maintain osmolar gradient within the kidney interstitium is

- A) Proximal convoluted tubule
- B) Distal convoluted tubule
- C) Henle's loop
- D) Glomerulus

142) The small segment with plaqued walls after the ascending limb of a nephron is known as

- A) Mucosa
- B) Macula densa
- C) Distilled convoluted tubule
- D) Collecting tubule

143) Which of the following syndrome also known as 5p minus syndrome?

- A) Klinefelter syndrome
- B) Down syndrome
- C) Turner syndrome
- D) Cri-du-chat syndrome

144) 10% crossing-over means

- A) deci Morgan
- B) centi Morgan
- C) Morgan
- D) One map unit

145) A woman weighing 65 kg having a height of 155 cm will have BMI of

- A) 21
- B) 23
- C) 27
- D) 29

146) Which of the following is considered as a micronutrients?

- A) Vitamins
 - B) Proteins
 - C) Fats
 - D) Carbohydrates
-

147) Which part of a human sperm contains maximum number of mitochondria?

- A) Tail
 - B) Acrosome
 - C) Neck
 - D) Middle piece
-

148) The respiratory quotient for anaerobic respiration is

- A) Equal to one
 - B) Less than one
 - C) Greater than one
 - D) Infinity
-

149) Which of the following is formed by the oxidation of pyruvic acid in under anaerobic condition in skeletal muscles?

- A) lactic acid
 - B) oxaloacetic acid
 - C) citrate
 - D) malate
-

150) Mycelium is a specific character of

- A) Bacteria
- B) Algae
- C) Fungi
- D) Nematode

Question Paper No:

76230_5

Answer Key

1	D	31	C	61	A	91	B	121	B
2	C	32	C	62	D	92	A	122	C
3	D	33	A	63	A	93	D	123	A
4	A	34	A	64	C	94	B	124	D
5	A	35	A	65	C	95	C	125	C
6	B	36	A	66	B	96	A	126	A
7	A	37	D	67	B	97	A	127	C
8	D	38	A	68	C	98	D	128	B
9	C	39	D	69	D	99	A	129	B
10	D	40	D	70	B	100	A	130	B
11	C	41	B	71	D	101	A	131	B
12	A	42	A	72	B	102	A	132	C
13	B	43	A	73	B	103	B	133	B
14	D	44	B	74	C	104	B	134	C
15	C	45	B	75	C	105	A	135	C
16	A	46	C	76	A	106	A	136	A
17	B	47	D	77	D	107	A	137	D
18	B	48	D	78	C	108	A	138	B
19	D	49	A	79	D	109	A	139	A
20	B	50	C	80	A	110	A	140	A
21	C	51	C	81	A	111	B	141	C
22	B	52	D	82	A	112	A	142	B
23	D	53	D	83	A	113	B	143	D
24	D	54	A	84	A	114	A	144	A
25	D	55	B	85	B	115	A	145	C
26	B	56	A	86	A	116	D	146	A
27	B	57	B	87	A	117	D	147	D
28	A	58	C	88	B	118	C	148	D
29	C	59	B	89	C	119	D	149	A
30	D	60	A	90	B	120	C	150	C



[Download Tech Of World App](#)

WtsApp/Call- 8596976190

Join Us-

