



Series

A

DSE/2024

General Studies & Dental Surgeon

प्रश्न-पुस्तिका क्रम संख्या
Question Booklet Sl. No.

7701705

अनुक्रमांक
Roll No.

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परीक्षार्थी अपना अनुक्रमांक दिए गए खानों में लिखें।
Candidate should write his/her
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मुद्रित पृष्ठों की संख्या/No. of Printed Pages : 32

कुल प्रश्नों की संख्या/Total No. of Questions : 150

समय/Time : 3 घण्टे/Hours

पूर्णांक/Total Marks : 450

परीक्षार्थियों के लिए निर्देश

1. परीक्षा प्रारंभ होने के तुरन्त बाद, आप इस प्रश्न-पुस्तिका की पड़ताल अवश्य कर लें, कि इसमें कोई बिना छपा, फटा या छुटा हुआ पृष्ठ अथवा प्रश्नांश आदि न हो। यदि ऐसा है, तो वीक्षक से तत्काल संपर्क कर प्रश्न-पुस्तिका बदल लेवें।
2. यह प्रश्न-पुस्तिका सम्मिलित रूप से दो खंडों में विभाजित हैं। खंड - 'अ' तथा खंड - 'ब'।
3. खंड - 'अ' के प्रश्न सामान्य अध्ययन से संबंधित हैं, जिसमें कुल 50 प्रश्न हैं, सभी प्रश्न हिन्दी तथा अंग्रेजी भाषा में हैं। सभी प्रश्न अनिवार्य हैं।
4. खंड - 'ब' संबंधित विषय से हैं। जिसमें कुल 100 प्रश्न हैं। सभी प्रश्न केवल अंग्रेजी भाषा में हैं। सभी प्रश्न अनिवार्य हैं। अभ्यर्थी स्वयं यह सुनिश्चित कर लें कि जिस पद हेतु आवेदन किया है वही विषय का प्रश्न-पत्र प्राप्त हुआ है।
5. सभी प्रश्नों के अंक समान हैं। प्रत्येक सही उत्तर के लिए 03 अंक प्रदान किए जायेंगे। ऋणात्मक मूल्यांकन का प्रावधान है। प्रत्येक गलत उत्तर के लिए 01 अंक काटा जायेगा।
6. प्रदत्त उत्तर-पत्र (ओ.एम.आर.) पर दिए गए निर्देशों को ध्यानपूर्वक पढ़ें तथा अपने उत्तर तदनुसार अंकित करें।
7. कृपया उत्तर-पत्र (ओ.एम.आर.) पर निर्धारित स्थानों पर आवश्यक प्रविष्टियाँ करें, अन्यत्र स्थानों पर नहीं।
8. परीक्षार्थी सभी रफ़ कार्य प्रश्न-पुस्तिका के अंतिम पृष्ठों पर निर्धारित स्थान पर ही करें, अन्यत्र कहीं नहीं तथा उत्तर-पत्र (ओ.एम.आर.) पर भी नहीं।
9. यदि खंड - 'अ' के किसी प्रश्न में किसी प्रकार की कोई मुद्रण या तथ्यात्मक प्रकार की त्रुटि हो, तो प्रश्न के हिन्दी तथा अंग्रेजी रूपांतरों में से हिन्दी रूपांतर को मानक माना जाएगा।

INSTRUCTIONS TO THE CANDIDATES

1. Immediately after the commencement of the examination, you should check that this Question Booklet does not have any unprinted or torn or missing pages or items etc. If so, immediately contact the invigilator and get it replaced with another Question Booklet.
2. This combined Question Booklet is divided in two Sections, Section - 'A' and Section - 'B'.
3. Section - 'A' contains 50 questions of General Studies. All Questions are in Hindi and English Language. All questions are compulsory.
4. Section - 'B' contains 100 questions of Concerned Subject. All Questions are only in English Language. All questions are compulsory. Candidates should ensure that he/she got the question paper of the same post for which he/she had applied.
5. All questions carry equal marks. Three marks for each correct answer. There is provision of Negative Markings. For each wrong answer, one mark will be deducted.
6. Read carefully the instructions given on the Answer Sheet (OMR) supplied and indicate your answers accordingly.
7. Kindly make necessary entries on the Answer Sheet (OMR) at the places indicated and nowhere else.
8. Examinee should do all rough work on the space meant for rough work on pages given at the end of the Question Booklet and nowhere else, not even on the Answer Sheet (OMR).
9. If there is any sort of mistake either of printing or of factual nature in any question, of Section - 'A' then out of the Hindi and English versions of the question, the Hindi version will be treated as standard.

DSE/2024-A

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SEAL

SEAL



खंड - अ

(सामान्य अध्ययन)

1. निम्नलिखित में से किसका उपयोग मानकीकृत वेब पेजों को डिजाइन करने के लिए किया जाता है ताकि वेब सामग्री को किसी भी कंप्यूटर से पढ़ा और समझा जा सके ?
 (A) HTML
 (B) URL
 (C) HTTPS
 (D) TCP
2. भारतीय लिपि कोडिंग के लिए सामान्य मानक ISCI का पूर्ण रूप क्या है ?
 (A) इंडियन स्टैंडर्ड कोड फॉर इंफॉर्मेशन इंटेलिजेंस
 (B) इंडियन स्क्रिप्ट कोड फॉर इंटरनेट इंफॉर्मेशन
 (C) इंडियन स्क्रिप्ट कोड फॉर इंफॉर्मेशन इंटरचेंज
 (D) इंडियन स्टैंडर्ड कोड फॉर इंटरनेट इंफॉर्मेशन
3. निम्नलिखित में से किस प्रकार के क्लाउड परिनियोजन मॉडल में उच्चतम सुरक्षा की विशेषता होती है ?
 (A) निजी क्लाउड
 (B) सार्वजनिक क्लाउड
 (C) हाइब्रिड क्लाउड
 (D) सामुदायिक क्लाउड
4. सेंसर से एकत्रित डेटा को क्लाउड या प्रोसेसिंग नोड्स पर गणना के लिए इंटरनेट ऑफ थिंग्स (IoT) के किस घटक को भेजा जाता है ?
 (A) सेंसर
 (B) नेटवर्क
 (C) एनालिटिक्स
 (D) एक्शन
5. डेटा को पूर्व-प्रसंस्करण करते समय, डेटा को विश्लेषणात्मक प्रक्रिया के लिए उपयुक्त स्वरूपों में बदलने के लिए किस प्रक्रिया का उपयोग किया जाता है ?
 (A) डेटा क्लीनिंग
 (B) डेटा एकीकरण
 (C) डेटा रूपांतरण
 (D) डेटा न्यूनीकरण
6. हीनोता किस खनिज का प्रमुख क्षेत्र है ?
 (A) सोना
 (B) कोयला
 (C) तांबा
 (D) हीरा
7. वेलस्पन सौर परियोजना _____ जिले में है ।
 (A) नीमच
 (B) इन्दौर
 (C) सीधी
 (D) खंडवा



SECTION – A

(General Studies)

1. Which of the following is used to design standardised web pages so that the web contents can be read and understood from any computer ?
 (A) HTML
 (B) URL
 (C) HTTPS
 (D) TCP
2. The full form of common standard for coding Indian script ISCII is
 (A) Indian Standard Code for Information Intelligence
 (B) Indian Script Code for Internet Information
 (C) Indian Script Code for Information Interchange
 (D) Indian Standard Code for Internet Information
3. Which of the following type of cloud deployment model possess the characteristic of highest security ?
 (A) Private cloud
 (B) Public cloud
 (C) Hybrid cloud
 (D) Community cloud
4. Data collected from sensors are passed over to which component of Internet of Things (IoT) for computations to the cloud or processing nodes ?
 (A) Sensors
 (B) Network
 (C) Analytics
 (D) Action
5. While preprocessing the data, which procedure is used to change the data into formats that are suited for the analytical process ?
 (A) Data Cleaning
 (B) Data Integration
 (C) Data Transformation
 (D) Data Reduction
6. Hinota is the main area of which mineral ?
 (A) Gold
 (B) Coal
 (C) Copper
 (D) Diamond
7. Welspun solar project is in the district of
 (A) Neemuch
 (B) Indore
 (C) Sidhi
 (D) Khandwa





8. मध्यप्रदेश में बाक्साइट उत्पादक प्रमुख जिलों में से कौन-सा नहीं है ?
- (A) अनूपपुर
(B) शहडोल
(C) मण्डला
(D) झाबुआ
9. 2011 के जनसंख्या घनत्व के अनुसार मध्यप्रदेश के जिलों को अवरोही क्रम में जमाइये ।
- (A) रायसेन-सागर-सतना-दमोह
(B) सतना-सागर-दमोह-रायसेन
(C) सागर-सतना-रायसेन-दमोह
(D) रायसेन-सतना-सागर-दमोह
10. 2011 डेटा के अनुसार मध्यप्रदेश की साक्षरता का प्रतिशत
- (A) उत्तरप्रदेश और राजस्थान से कम है
(B) गुजरात और पंजाब से कम है
(C) महाराष्ट्र और प. बंगाल से कम है
(D) महाराष्ट्र और प. बंगाल से ज्यादा है
11. मध्यप्रदेश का कौन-सा जिला बैगा विकास प्राधिकरण के कार्यक्षेत्र में नहीं आता है ?
- (A) उमरिया
(B) बालाघाट
(C) शहडोल
(D) सीधी
12. शंकर शाह और रानी दुर्गावती पुरस्कार योजना का लाभ किसे प्रदान किया जाता है ?
- (A) खिलाड़ियों को
(B) सैनिकों को
(C) विद्यार्थियों को
(D) लेखकों को
13. अंग्रेजों के विरुद्ध क्रांति का नेतृत्व करने वाले निमाड़ क्षेत्र के क्रांतिकारी भीमा नायक का जन्म किस जिला में हुआ था ?
- (A) धार
(B) बडवानी
(C) अलिराजपुर
(D) उमरिया
14. “राष्ट्रीय जनजातीय स्वास्थ्य अनुसंधान संस्थान (NIRTH)” कहाँ स्थित है ?
- (A) भोपाल
(B) इन्दौर
(C) ग्वालियर
(D) जबलपुर
15. “द राजगोंड महाराजाज़ ऑफ सतपुड़ा हिल्स” नामक पुस्तक के लेखक कौन हैं ?
- (A) वैरियर एल्विन
(B) डब्ल्यू. बी. ग्रिगसन
(C) सी. यू. विल्स
(D) रसेल, हिरालाल



8. Which is **not** one of the main bauxite producing districts in Madhya Pradesh ?
 (A) Anuppur
 (B) Shahdol
 (C) Mandla
 (D) Jhabua
9. Arrange the districts of Madhya Pradesh in descending order according to population density in 2011.
 (A) Raisen-Sagar-Satna-Damoh
 (B) Satna-Sagar-Damoh-Raisen
 (C) Sagar-Satna-Raisen-Damoh
 (D) Raisen-Satna-Sagar-Damoh
10. Literacy rate in Madhya Pradesh as per 2011 data is
 (A) Less than Uttar Pradesh and Rajasthan
 (B) Less than Gujarat and Punjab
 (C) Less than Maharashtra and West Bengal
 (D) More than Maharashtra and West Bengal
11. Which district of Madhya Pradesh is **not** covered by the jurisdiction of Baiga Development Authority ?
 (A) Umaria
 (B) Balaghat
 (C) Shahdol
 (D) Sidhi
12. Who is provided the benefit of Shankar Shah and Rani Durgavati Puruskar Yojana ?
 (A) To the players
 (B) To the soldiers
 (C) To the students
 (D) To the writers
13. In which district was revolutionary Bhima Nayak of Nimar region, who led the revolt against the British, born ?
 (A) Dhar
 (B) Barwani
 (C) Alirajpur
 (D) Umaria
14. Where is the "National Institute for Research in Tribal Health (NIRTH)" located ?
 (A) Bhopal
 (B) Indore
 (C) Gwalior
 (D) Jabalpur
15. Who is the author of the book "The Rajgond Maharajas of Satpura Hills" ?
 (A) Variyar Elvin
 (B) W. V. Grigson
 (C) C. U. Wills
 (D) Russel, Hiralal



16. मध्यप्रदेश के किस शहर में “रेयर अर्थ थीम पार्क” स्थापित है ?
 (A) पन्ना
 (B) टीकमगढ़
 (C) भोपाल
 (D) उज्जैन
17. मध्यप्रदेश के किस जिले में मुख्यतः मैंगीज अयस्क पाया जाता है ?
 (A) बड़वानी
 (B) बालाघाट
 (C) मंडला
 (D) उमरिया
18. बुरहानपुर में निर्मित एक भूमिगत जल प्रबंधन प्रणाली को किस नाम से जाना जाता है ?
 (A) अटल जलधारा
 (B) पानी भंडारा
 (C) खूनी भंडारा
 (D) जादुई पानी
19. मध्यप्रदेश के किस शहर में जल एवं भूमि प्रबंधन संस्थान स्थित है ?
 (A) उज्जैन
 (B) ग्वालियर
 (C) जबलपुर
 (D) भोपाल
20. व्यापारीक सुधार कार्य योजना (BRAP), 2022 में मध्यप्रदेश को कौन-सा दर्जा प्राप्त हुआ था ?
 (A) टॉप परफॉर्मर
 (B) टॉप अचीवर
 (C) एक्सीलेंस अवार्ड
 (D) स्पेशल रेकग्रिशन
21. प्रसिद्ध ताम्रपाषाणकालीन स्थल कायथा किस नदी के किनारे स्थित है ?
 (A) बेस
 (B) बेतवा
 (C) सोन
 (D) काली सिंध
22. अशोक का लघु शिलालेख मध्यप्रदेश के निम्नांकित किस स्थान से नहीं मिला है ?
 (A) पानगुराड़िया
 (B) गुर्जरा
 (C) रूपनाथ
 (D) माड़ा
23. हूण आक्रमणकारी मिहिरकुल को निम्न में से किन राजाओं ने पराजित किया था ?
 1. कुमारगुप्त
 2. बालादित्य
 3. यशोधर्मन
 4. चन्द्रगुप्त विक्रमादित्य
 सही उत्तर का चयन कीजिए ।
 (A) 1 एवं 2
 (B) 2 एवं 3
 (C) 3 एवं 4
 (D) 1 एवं 4





16. In which city of Madhya Pradesh "Rare Earth Theme Park" is established ?
 (A) Panna
 (B) Tikamgarh
 (C) Bhopal
 (D) Ujjain
17. In which district of Madhya Pradesh mainly manganese ore are found ?
 (A) Barwani
 (B) Balaghat
 (C) Mandla
 (D) Umaria
18. An underground water management system built in the Burhanpur is known as
 (A) Atal Jaldhara
 (B) Paani Bhandara
 (C) Khooni Bhandara
 (D) Jadui Paani
19. In which city of Madhya Pradesh water and Land Management Institute is situated ?
 (A) Ujjain
 (B) Gwalior
 (C) Jabalpur
 (D) Bhopal
20. Which status did Madhya Pradesh achieve in the Business Reform Action Plan (BRAP), 2022 ?
 (A) Top performer
 (B) Top achiever
 (C) Excellence award
 (D) Special recognition
21. The famous chalcolithic site Kaytha located on the bank of which river ?
 (A) Bes
 (B) Betwa
 (C) Son
 (D) Kali Sindh
22. From which place in Madhya Pradesh has Ashok's minor rock edict **not** been found ?
 (A) Panguradia
 (B) Gurjara
 (C) Rupnath
 (D) Mada
23. Which of the following rulers defeated the Hun invader Mihirkul ?
 1. Kumargupta
 2. Baladitya
 3. Yashodharman
 4. Chandragupta Vikramaditya
 Select the correct answer.
 (A) 1 and 2
 (B) 2 and 3
 (C) 3 and 4
 (D) 1 and 4





- 24.** कलचुरी नरेश कर्णदेव के संबंध में कौन-सा तथ्य सही है ?
 (A) उसने प्रबोध चन्द्रोदय की रचना की
 (B) कोक्कलदेव उसका पिता था
 (C) उसने हूण राजकुमारी आवल्लदेवी से विवाह किया
 (D) उसने परमार नरेश मुंज को परास्त किया
- 25.** मालवा के सुलतान हुशंग शाह को गुजरात के किस मुस्लिम शासक ने पराजित कर बंदी बना लिया था ?
 (A) दिलावार खान
 (B) बहादुर शाह
 (C) मुजफ्फर शाह
 (D) अहमद शाह
- 26.** भारतीय संविधान के अनुच्छेद 164 के अनुसार, राज्य के मुख्यमंत्री की नियुक्ति किसके द्वारा की जाती है ?
 (A) राष्ट्रपति
 (B) उपराष्ट्रपति
 (C) प्रधानमंत्री
 (D) राज्यपाल
- 27.** म. प्र. में शहरी क्षेत्रों के कुशल प्रशासन के लिए म. प्र. नगर निगम अधिनियम किस वर्ष में अधिनियमित किया गया था ?
 (A) 1952
 (B) 1956
 (C) 1958
 (D) 1963
- 28.** मुख्यमंत्री का मुख्य सलाहकार कौन होता है ?
 (A) पुलिस महानिदेशक
 (B) मुख्य सूचना आयुक्त
 (C) मुख्य सचिव
 (D) जिला कलेक्टर
- 29.** भारत सरकार द्वारा नियुक्त किस समिति ने 1957 में अपनी रिपोर्ट में त्रिस्तरीय पंचायती राज व्यवस्था की स्थापना को सिफारिश की थी ?
 (A) दिनेश गोस्वामी समिति
 (B) जी. वी. रामकृष्ण समिति
 (C) ए. एम. खुसरो समिति
 (D) बलवंत राय मेहता समिति
- 30.** म. प्र. गोवंश वध प्रतिषेध अधिनियम, 2004 के प्रावधानों के क्रियान्वयन हेतु आयुक्त-सह-निदेशक, पशु चिकित्सा सेवाएँ, म. प्र. द्वारा किसे नियुक्त किया जाता है ?
 (A) मुख्य कार्यपालक अधिकारी
 (B) पशु निरीक्षक
 (C) पशु चिकित्सा अधिकारी
 (D) गोवंश आयुक्त





- 24.** Which fact about the Kalchuri ruler Karnadev is correct ?
 (A) He wrote Prabodh Chandrodaya
 (B) His father was Kokkaldev
 (C) He married to Hun Princess Avalladevi
 (D) He defeated Parmar ruler Munja
- 25.** Which Muslim ruler of Gujarat defeated and imprisoned Sultan Husang Shah of Malwa ?
 (A) Dilawar Khan
 (B) Bahadur Shah
 (C) Muzaffar Shah
 (D) Ahmad Shah
- 26.** As per Article 164 of the Constitution of India, the Chief Minister of a State is appointed by whom ?
 (A) President
 (B) Vice President
 (C) Prime Minister
 (D) Governor
- 27.** In which year was the M. P. Municipal Corporation Act enacted for the efficient administration of urban areas in M. P. ?
 (A) 1952
 (B) 1956
 (C) 1958
 (D) 1963
- 28.** Who is the Chief Advisor to the Chief Minister ?
 (A) Director General of Police
 (B) Chief Information Commissioner
 (C) Chief Secretary
 (D) District Collector
- 29.** Which Committee appointed by the Government of India recommended in its report in 1957 for the establishment of a three-tier Panchayati Raj System ?
 (A) Dinesh Goswami Committee
 (B) G. V. Ramakrishna Committee
 (C) A. M. Khusro Committee
 (D) Balwant Rai Mehta Committee
- 30.** Who is appointed by the Commissioner cum Director of Veterinary Services, M. P. to implement the provisions of M. P. Govamsh Vadh Pratishedh Adhiniyam, 2004 ?
 (A) Chief Executive Officer
 (B) Animal Inspector
 (C) Veterinary Officer
 (D) Cow Progeny Commissioner





31. मध्यप्रदेश की सबसे ऊँची चोटी धूपगढ़ किस पर्वत श्रृंखला में स्थित है ?

- (A) सतपुड़ा पर्वत श्रेणी
- (B) विंध्याचल पर्वत श्रेणी
- (C) मालवा का पठार
- (D) गोपांचल पहाड़ी

32. म. प्र. में जलोढ़ मिट्टी मुख्यतः पाई जाती है

- (A) इन्दौर-देवास-उज्जैन-शाजापुर
- (B) खरगोन-खंडवा-धार-झाबुआ
- (C) मुरैना-भिण्ड-ग्वालियर-शिवपुरी
- (D) मण्डला-बालाघाट-शहडोल-सीधी

33. पृथ्वी के चारों ओर व्याप्त वायुमंडल की सबसे निचली परत को कहा जाता है

- (A) क्षोभ मण्डल
- (B) समताप मण्डल
- (C) मध्य मण्डल
- (D) ताप मण्डल

34. मानसून वन के मुख्य वृक्ष में निम्नलिखित में कौन-सा सम्मिलित नहीं है ?

- (A) सागौन वृक्ष
- (B) अर्जुन वृक्ष
- (C) महुआ वृक्ष
- (D) चीड़ वृक्ष

35. बीला बांध परियोजना _____ जिले में है ।

- (A) डिण्डोरी
- (B) सागर
- (C) रीवा
- (D) अलिराजपुर

36. शरीर विज्ञान या औषधि में 2024 का नोबल पुरस्कार किस क्षेत्र में दिया गया ?

- (A) मौखिक कैंसर अनुसंधान
- (B) कोविड 19 वैक्सीन
- (C) जीन थेरेपी एवं माइक्रो आर.एन.ए. खोज
- (D) कृत्रिम हृदय प्रत्यारोपण

37. विश्व मौखिक स्वास्थ्य दिवस (WOHD), 2025 की थीम है

- (A) “एक खुशहाल मुँह एक खुशहाल जीवन है”
- (B) “मौखिक स्वास्थ्य के बिना कोई स्वास्थ्य नहीं”
- (C) “स्वास्थ्य के लिये मुस्कान”
- (D) “एक खुशहाल मुँह एक खुशहाल मन है”

38. आयुष्मान सखी क्या है ?

- (A) कार्ड
- (B) योजना
- (C) व्हाट्सएप डिजिटल हेल्प डेस्क
- (D) अस्पताल



31. On which mountain range is Madhya Pradesh's highest peak, Dhupgarh situated ?
 (A) Satpura Range
 (B) Vindhya Range
 (C) Malwa Plateau
 (D) Gopanchal Hills
32. Alluvial soil is mainly found in Madhya Pradesh
 (A) Indore-Dewas-Ujjain-Shajapur
 (B) Khargone-Khandwa-Dhar-Jhabua
 (C) Muraina-Bhind-Gwalior-Shivpuri
 (D) Mandla-Balaghat-Shahdol-Sidhi
33. The lowest layer of the atmosphere surrounding the earth is called
 (A) Troposphere
 (B) Stratosphere
 (C) Mesosphere
 (D) Thermosphere
34. The main trees of monsoon forest do **not** include which of the following ?
 (A) Teak trees
 (B) Arjun trees
 (C) Mahua trees
 (D) Pine trees
35. Bila Dam project is in the district of
 (A) Dindori
 (B) Sagar
 (C) Rewa
 (D) Alirajpur
36. The Nobel Prize in Physiology or Medicine 2024 was awarded for which field ?
 (A) Oral Cancer Research
 (B) Covid 19 Vaccine
 (C) Gene Therapy and Discovery of Micro RNA
 (D) Artificial Heart Implant
37. The theme for World Oral Health Day (WOHD), 2025 is
 (A) "A Happy Mouth is a Happy Life"
 (B) "No Health without Oral Health"
 (C) "Smile for Health"
 (D) "A Happy Mouth is a Happy Mind"
38. What is Ayushman Sakhi ?
 (A) Card
 (B) Scheme
 (C) Whatsapp Digital Help Desk
 (D) Hospital





39. हाल ही में मध्यप्रदेश शासन द्वारा सड़क सुरक्षा को बढ़ावा देने और दुर्घटनाओं के दौरान समय पर सहायता के लिये वर्ष 2025 में कौन-सी योजना को मंजूरी दी है ?

- (A) सुरक्षा बीमा योजना
(B) आयुष्मान दुर्घटना बीमा योजना
(C) राहवीर योजना
(D) मुख्यमंत्री दुर्घटना कल्याण योजना

40. मध्यप्रदेश के किस जिले में पी.एम. मित्रा (पी.एम. मेगा इंटीग्रेटेड टेक्सटाइल रीजन एंड अपैरल) पार्क की स्थापना की गई है ?

- (A) इंदौर
(B) धार
(C) जबलपुर
(D) भोपाल

41. 'ट्रान्सफर ऑफ प्रापर्टी इन ब्रिटिश इण्डिया' पुस्तक किसने लिखी थी ?

- (A) बरकतुल्ला खान
(B) पं. सुन्दरलाल शर्मा
(C) लक्ष्मण सिंह
(D) हरि सिंह गौर



42. बुंदेलखण्ड में अंग्रेजों की भू राजस्व व्यवस्था के विरुद्ध हुए आन्दोलन के नेतृत्वकर्ताओं को उनके क्षेत्रों से सुमेलित कीजिए ।

- | | |
|------------------|--------------|
| 1. राजा पारिछत | I. नरसिंहपुर |
| 2. मधुकर शाह | II. जैतपुर |
| 3. हिरदेशाह लोधी | III. नरहट |
| 4. डेलनशाह गौंड | IV. हीरापुर |

सही उत्तर का चयन कीजिए ।

- | | | | | |
|-----|-----|-----|-----|----|
| | 1 | 2 | 3 | 4 |
| (A) | I | II | III | IV |
| (B) | II | III | IV | I |
| (C) | III | IV | I | II |
| (D) | IV | III | II | I |

43. 1857 के स्वतन्त्रता संग्राम के दौरान इन्दौर रेसीडेन्सी पर हमला करने वाले क्रान्तिकारियों में कौन नहीं था ?

- (A) सआदत खाँ
(B) वंश गोपाल
(C) फिरोजशाह
(D) भागीरथ सिलावट

44. 1857 के स्वतन्त्रता संग्राम के दौरान भोपावर और सरदारपुर ब्रिटिश छावनियों पर किस स्वतन्त्रता सेनानी ने अधिकार कर लिया था ?

- (A) राव रघुनाथ सिंह
(B) अमरचन्द बांटिया
(C) बख्तावर सिंह
(D) गोविन्द सिंह



39. Recently Madhya Pradesh Government has approved in year 2025, which scheme to promote Road Safety and timely assistance during accidents ?
- (A) Security Insurance Scheme
(B) Ayushman Accident Insurance Scheme
(C) Rahveer Scheme
(D) Chief Minister Accident Welfare Scheme

40. In which district of Madhya Pradesh, PM Mitra (PM Mega Integrated Textile Region and Apparel) Park has been established ?
- (A) Indore
(B) Dhar
(C) Jabalpur
(D) Bhopal

41. Who wrote 'Transfer of Property in British India' book ?
- (A) Barkatullah Khan
(B) Pt. Sundarlal Sharma
(C) Laxman Singh
(D) Hari Singh Gour

42. Match the leaders of the movement against the British land revenue system in Bundelkhand with their regions.
- | | |
|--------------------|----------------|
| 1. Raja Parichhat | I. Narsinghpur |
| 2. Madhukar Shah | II. Jaitpur |
| 3. Hirdeshah Lodhi | III. Narhat |
| 4. Delanshah Gond | IV. Hirapur |

Select the correct answer.

- | | | | | |
|-----|----------|----------|----------|----------|
| | 1 | 2 | 3 | 4 |
| (A) | I | II | III | IV |
| (B) | II | III | IV | I |
| (C) | III | IV | I | II |
| (D) | IV | III | II | I |

43. Who was **not** among the revolutionaries attacked at Indore residency during the freedom struggle of 1857 ?
- (A) Saadat Khan
(B) Vansh Gopal
(C) Firojshah
(D) Bagirath Silawat

44. Which freedom fighter took control of the British cantonments at Bhopawar and Sardarpur during the 1857 freedom struggle ?
- (A) Rao Raghunath Singh
(B) Amarchand Bantiya
(C) Bakhtawar Singh
(D) Govind Singh





45. पिथौरा कला में चित्रों का अंकन करने वाले को _____ कहा जाता है ।
- (A) मुखिया
(B) लखिन्दरा
(C) कलावन्त
(D) जीवटा
46. “मध्यप्रदेश रोजगार एवं प्रशिक्षण परिषद (MAPCET)” किस विभाग से संबद्ध संस्था है ?
- (A) तकनीकी शिक्षा एवं रोजगार
(B) रोजगार एवं प्रशिक्षण विभाग
(C) जनजातीय कार्य विभाग
(D) व्यावसायिक परीक्षा मण्डल
47. वनाधिकार अधिनियम, 2006 के क्रियान्वयन के लिए मध्यप्रदेश में कौन-सा विभाग “नोडल विभाग” है ?
- (A) वन विभाग
(B) राजस्व विभाग
(C) पंचायत एवं ग्रामीण विकास विभाग
(D) जनजातीय कार्य विभाग
48. निम्नलिखित में से कौन-सा मापदण्ड भारतीय संविधान की पाँचवी अनुसूची के तहत किसी भी क्षेत्र को अनुसूचित क्षेत्र के रूप में घोषित करने के लिए आवश्यक नहीं है ?
- (A) सघन वन क्षेत्र
(B) जनजातीय आबादी की प्रधानता
(C) पड़ोसी क्षेत्र की तुलना में आर्थिक पिछड़ापन
(D) एक व्यवहार्य प्रशासनिक इकाई जैसे जिला, ब्लाक, तहसील
49. अनुसूचित जाति एवं जनजाति (अत्याचार निवारण) अधिनियम, 1989 वर्तमान में भारत सरकार के किस मंत्रालय द्वारा अधिशासित है ?
- (A) जनजातीय कार्य मंत्रालय
(B) गृह मंत्रालय
(C) सामाजिक न्याय और अधिकारिता मंत्रालय
(D) ग्रामीण विकास मंत्रालय
50. राज्य की विधानसभा में अनुसूचित जनजातियों के लिए सीटों के आरक्षण का प्रावधान संविधान के किस अनुच्छेद में किया गया है ?
- (A) अनुच्छेद 330
(B) अनुच्छेद 331
(C) अनुच्छेद 332
(D) अनुच्छेद 333



45. In Pithora art, the person who paints the pictures is called

- (A) Mukhia
- (B) Lakhindra
- (C) Kalavant
- (D) Jiwata

46. "Madhya Pradesh Council of Employment and Training (MAPCET)" is an Institution related to which department ?

- (A) Technical Education and Employment
- (B) Employment and Training Department
- (C) Tribal Affairs Department
- (D) Professional Examination Board

47. Which department is the "nodal department" in Madhya Pradesh for the implementation of Forest Rights Act, 2006 ?

- (A) Forest Department
- (B) Revenue Department
- (C) Panchayat and Rural Development Department
- (D) Tribal Affairs Department

48. Which of the following criteria is **not** required for declaring any area a Scheduled Area under the Fifth Schedule of the Indian Constitution ?

- (A) Dense forest area
- (B) Predominance of tribal population
- (C) Economic backwardness compared to neighboring areas
- (D) A viable administrative unit such as district, block, tehsil

49. The Scheduled Castes and Scheduled Tribes (Prevention of Atrocities) Act, 1989 is currently administered by which ministry of Government of India ?

- (A) Ministry of Tribal Affairs
- (B) Home Ministry
- (C) Ministry of Social Justice and Empowerment
- (D) Ministry of Rural Development

50. In which Article of the Constitution, provision has been made for reservation of seats for Scheduled Tribes in the Legislative Assembly of the State ?

- (A) Article 330
- (B) Article 331
- (C) Article 332
- (D) Article 333



खंड - ब/SECTION - B
(दन्त शल्य चिकित्सक/Dental Surgeon)

- 51.** Theory of shock absorption of periodontal ligament is
- (A) EPITACTIC theory
 - (B) Hydrodynamic theory
 - (C) Viscoelastic system theory
 - (D) Heterogeneous Nucleation theory
- 52.** Cellular remnants of the Hertwig Sheath embedded in calcified ground substance is seen in
- (A) Acellular extrinsic fiber cementum
 - (B) Cellular intrinsic fiber cementum
 - (C) Acellular afibrillar cementum
 - (D) Intermediate cementum
- 53.** Universal curettes are
- (A) Gracey curettes
 - (B) Gracey curvettes
 - (C) Periodontal maintenance curettes
 - (D) Columbia curettes
- 54.** Cathepsin gene mutations located on chromosome 11q14 cause
- (A) Down's syndrome
 - (B) Chediak Higashi syndrome
 - (C) Papillon Lefevre syndrome
 - (D) Hunter's syndrome
- 55.** To hold Apically displaced partial thickness flap on periosteum suture used is
- (A) Horizontal mattress suture
 - (B) Figure of eight suture
 - (C) Anchor suture
 - (D) Periosteal suture
- 56.** Surgery is carried out in which stage of general anaesthesia ?
- (A) Stage I
 - (B) Stage II
 - (C) Stage III
 - (D) Stage IV
- 57.** When blocking a nerve containing both motor and sensory fibers, the last functional property lost is
- (A) Temperature
 - (B) Pain
 - (C) Proprioception
 - (D) Touch



58. The colour of a nitrous oxide cylinder is
 (A) Red
 (B) Blue
 (C) White
 (D) Black
59. Green stick fractures are most common with
 (A) Older people
 (B) Adult
 (C) Children
 (D) Soldiers
60. Cidex is
 (A) Gluteraldehyde
 (B) Alcohol
 (C) Phenolic compound
 (D) A caustic agent
61. Because of its constancy in position which of the following tooth is called as a key to occlusion ?
 (A) Mandibular canine
 (B) Maxillary first permanent molar
 (C) Maxillary second permanent molar
 (D) Maxillary permanent canine
62. Spacing between deciduous dentition in a 4 year child indicates
 (A) Good growth
 (B) Class III tendency
 (C) Class II tendency
 (D) Presence of mesiodens
63. All the appliances are used in maxillary constriction except
 (A) RME
 (B) Quad Helix
 (C) 'W' arch
 (D) Jasper Jumper
64. Rapid expansion should **not** be done in a young child with primary dentition because
 (A) It is more difficult to place and remove
 (B) There is a risk of distortion of facial structures with rapid expansion
 (C) It is difficult to clean
 (D) It delivers a variety of forces
65. The preferred surgical procedure for most patient who need mandibular advancement is
 (A) Lefort osteotomy
 (B) Sagittal split osteotomy
 (C) Transverse vertical ramus osteotomy
 (D) Advancement genioplasty





- 66.** The average resting plaque pH in a healthy child's mouth is approximately
- (A) Less than 4
 - (B) Between 4 and 5
 - (C) Between 6 and 7
 - (D) Above 7.5
- 67.** The most recommended technique for tooth brushing in small children is
- (A) Scrub technique
 - (B) Stillman's method
 - (C) Charter's method
 - (D) BASS method
- 68.** A young child with orthodontic brackets is recommended a _____ tooth brush for effective plaque removal around brackets and gingival margins (Gum lines adjacent to teeth).
- (A) Regular tooth brush
 - (B) End tufted brush
 - (C) Interdental brush
 - (D) Rotary brush
- 69.** A 5 year old boy becomes calm after watching an older sibling undergoing a painless tooth filling. This is an example of
- (A) Desensitization
 - (B) Modelling
 - (C) Operant conditioning
 - (D) Fear extinction
- 70.** A four year child in dental clinic insists on sitting on the parents lap during treatment and believes that dental chair "might eat" him. This reflects which "Piagetian stage" ?
- (A) Sensorimotor
 - (B) Preoperational
 - (C) Concrete operational
 - (D) Formal operational
- 71.** A 9-year-old child presents with deep occlusal grooves on first permanent molar with no clinical signs of dental caries. What is the best preventive approach ?
- (A) Composite class I restoration
 - (B) Pit and fissure sealant application
 - (C) Preventive resin restoration
 - (D) Topical fluoride gel application
- 72.** A 35-year-old male patient visits a dental clinic with a history of tobacco chewing for the past 10 years. He expresses a desire to quit but is unsure how to begin. What should be the first step as a dental professional according to the 5A's model ?
- (A) Assist the patient in quitting
 - (B) Ask about tobacco use
 - (C) Arrange follow-up support
 - (D) Advise the patient to quit





73. A patient with missing teeth due to chronic periodontitis receives complete dentures. What level of prevention does this intervention represent ?

- (A) Primary
- (B) Secondary
- (C) Tertiary
- (D) Primordial

74. In a school dental health program, a dental auxiliary places a temporary restoration and educates children about brushing. This auxiliary is most likely a

- (A) Dental Technician
- (B) Expanded Function Dental Auxiliary (EFDA)
- (C) Dental Hygienist
- (D) Dental Laboratory Mechanic

75. The recommended fluoride supplement (ADA) for a 4-year-old child living in an area with fluoride content of 0.25 ppm in drinking water is

- (A) 0.25 mg
- (B) 0.50 mg
- (C) 0.75 mg
- (D) 1.00 mg

76. Which of the following radiographic features is an early and reliable sign of hyper-parathyroidism ?

- (A) Increased thickness of laminadura
- (B) Subperiosteal bone erosion of the phalanges
- (C) Enlargement of the mandibular canal
- (D) Hypercalcification of enamel in mature teeth

77. In the tube shift technique (SLOB Rule), if an object moves in the same direction as the x-ray tube shift, where is the object located ?

- (A) Buccal to the reference structure
- (B) At the same depth as the reference structure
- (C) Lingual to the reference structure
- (D) Apical to the reference structure





- 78.** Which of the following radiographic features is most characteristic of advanced Rheumatoid Arthritis (RA) involving the Temporomandibular Joint (TMJ) ?
- (A) Uniform widening of the joint space and condylar hyperplasia
 - (B) Erosion of the anterior and posterior condylar surfaces
 - (C) Enlargement of the articular eminence with increased convexity
 - (D) Thickening of the disc with posterior displacement of the condyle
- 79.** Jug-Handle view is a modification of which radiograph ?
- (A) Reverse-Towne's projection
 - (B) Water's projection
 - (C) Submentovertex projection
 - (D) Towne's projection
- 80.** Which topical therapy is most established for managing burning mouth syndrome, typically administered by swish and spitting out ?
- (A) Lidocaine
 - (B) Clonazepam
 - (C) Capsaicin
 - (D) Benzydamine
- 81.** Ludwig's angina is characterized by
- (A) Raised tongue
 - (B) Elevation of ear lobe
 - (C) Trismus
 - (D) Unilateral swelling
- 82.** Biopsy specimens removed for examinations are immediately placed in
- (A) 10% Ethanol
 - (B) 10% Formalin
 - (C) 10% Hydrogenperoxide
 - (D) 10% Saline
- 83.** Protein content of <4 mg/100 ml is seen in
- (A) Dentigerous cyst
 - (B) Periapical cyst
 - (C) Kerato cyst
 - (D) Periodontal cyst
- 84.** The gas used in local Anaesthesia cartridge
- (A) Oxygen
 - (B) Helium
 - (C) Nitrogen
 - (D) Carbon dioxide
- 85.** Abbe-Estlander flap is used in the reconstruction of
- (A) Lip
 - (B) Palate
 - (C) Tongue
 - (D) Floor of mouth





- 86.** Which of the following conditions is caused by Vitamin D deficiency in children ?
 (A) Scurvy
 (B) Pellagra
 (C) Beriberi
 (D) Rickets
- 87.** A dentist suffered from Hepatitis B infection three months back. His laboratory tests are normal but he is not allowed by the Medical Board to do surgical practice. Which among the following represents his current states ?
 (A) Inactive carrier
 (B) Healthy carrier
 (C) Convalescent carrier
 (D) Paradoxical carrier
- 88.** Compared with autoclave, use of a dry heat oven for sterilization has which of the following disadvantage ?
 (A) Time consuming
 (B) Less effective
 (C) Causes instruments to rust
 (D) Causes sharp instruments to dull
- 89.** The bacillus of Tuberculosis and Cholera Vibrio was discovered by
 (A) Robert Koch
 (B) Louis Pasteur
 (C) Roux and Yersin
 (D) Frank Burnet
- 90.** The Vitamin deficient in alcoholics, which leads to rapid conversion of pyruvate to lactate, resulting in lactic acidosis is
 (A) Pyridoxine
 (B) Thiamine
 (C) Niacin
 (D) Vitamin C
- 91.** An age estimation method that assess the mandibular left sided teeth and is the most widely used technique for assessing age in children and adolescents is
 (A) Schour and Massler's method
 (B) Demirjian's method
 (C) Gustafson's method
 (D) Kagerer and Grupe method
- 92.** According to Tsuchihashi classification dividing the pattern of grooves in lip print, branched grooves are classified as
 (A) Type I
 (B) Type II
 (C) Type III
 (D) Type IV
- 93.** Scarlet fever is caused by
 (A) Alpha-hemolytic streptococci
 (B) Beta-hemolytic streptococci
 (C) Bartonella Henselae
 (D) Staphylococcus Pyogens





- 94.** Strawberry tongue is associated with scarlet fever, with which disease is Raspberry tongue associated ?
- (A) Scarlet fever
(B) Tularemia
(C) Infectious Mononucleosis
(D) Herpangina
- 95.** Biopsy from a lesion shows numerous irregular c-shaped trabeculae of woven bone, not connected to each other. Early lesions show more of fibrous tissue, whereas advanced lesions show more of bony trabeculae imparting the characteristic "Chinese letter pattern". Identify the condition.
- (A) Osteosarcoma
(B) Fibrous Dysplasia
(C) Cherubism
(D) Hyper Parathyroidism
- 96.** Dangerous area of face is named because of connection of cavernous sinus with facial through which vein ?
- (A) Maxillary vein
(B) Anterior ethmoidal
(C) Posterior ethmoidal
(D) Deep facial
- 97.** Which cartilage is associated with development of mandible ?
- (A) Reichert's cartilage
(B) Nasal cartilage
(C) Ear cartilage
(D) Meckel's cartilage
- 98.** During an inferior alveolar nerve block, the needle of the local anaesthesia syringe is accidentally penetrated into the parotid gland. Which of the following structures is most likely to be penetrated ?
- (A) Lingual nerve
(B) Lingual artery
(C) Internal carotid artery
(D) External carotid artery
- 99.** Pellagra is frequently associated with deficiency of which of the following ?
- (A) Thiamine
(B) Riboflavin
(C) Niacin
(D) Folic acid
- 100.** Wilson's disease is a disorder of which of the following ?
- (A) Calcium metabolism
(B) Iron metabolism
(C) Copper metabolism
(D) Zinc metabolism





- 101.** Which of the following is RNA virus ?
 (A) Herpes virus
 (B) Paramyxovirus
 (C) Adenovirus
 (D) Parvovirus
- 102.** Kaposi's Sarcoma is a neoplasm of _____ origin.
 (A) Hyperplastic epithelium
 (B) Osteogenic
 (C) Vascular endothelial
 (D) Neuroectodermal
- 103.** Mucopolysaccharidoses are a heterogeneous group of metabolic disorders that are inherited as
 (A) Autosomal Dominant
 (B) Autosomal Recessive
 (C) Sex-Linked
 (D) A mutated gene on Y-chromosome only affects males
- 104.** A lesion characterised by focal area of color change that is **not** elevated or depressed in relation to its surrounding is called as
 (A) Papule
 (B) Macule
 (C) Plaque
 (D) Pustule



- 105.** Which one of the following staining method is considered as "Gold Standard" for identifying the presence of amyloid ?
 (A) Congo Red
 (B) DAS
 (C) Phosphotungstic Acid Hematoxylin (PTAH)
 (D) Steiner
- 106.** Functional cusp bevel is given at an angle of what with respect to the long axis of the tooth ?
 (A) 90 degree
 (B) 60 degree
 (C) 45 degree
 (D) 35 degree
- 107.** Skyfucation is seen in
 (A) Maxillary molars
 (B) Mandibular molars
 (C) Mandibular premolars
 (D) Maxillary premolars
- 108.** The ideal crown height space needed for fixed implant prosthesis should range between
 (A) 4 - 6 mm
 (B) 6 - 8 mm
 (C) 8 - 12 mm
 (D) 15 - 16 mm



- 109.** Masticatory load of complete denture is
- (A) 13-16 lb
 - (B) 13-16 kg
 - (C) 6-8 lb
 - (D) 20 kg
- 110.** How much luting agent is required for the cementation of crown ?
- (A) $3/4^{\text{th}}$ filled slightly upto the margin
 - (B) $1/4^{\text{th}}$ filled
 - (C) Full to prevent bubbles
 - (D) $1/2$ filled
- 111.** Which of the following is most closely associated with aging and geriatric endodontics ?
- (A) Increased pulp chamber size
 - (B) Dentin sclerosis is decreased
 - (C) Calcified canals
 - (D) Increased healing rate
- 112.** Which of the following materials has the best record in terms of long-term success as a root canal sealer ?
- (A) Zinc oxide-eugenol sealer
 - (B) Epoxy resin sealer
 - (C) Glass ionomer sealer
 - (D) Silicone-based sealer
- 113.** Which of the following best describe the role of bacterial biofilm in Endodontic infections ?
- (A) Bacteria in biofilms are less resistant to antibiotics
 - (B) Biofilms are typically easily removed during root canal therapy
 - (C) Bacteria within biofilms exhibit increased resistance to both host defences and treatment protocols
 - (D) Biofilms have no impact on the outcome of root canal treatment
- 114.** In endodontic practice, what is the purpose of the Crown-Down technique ?
- (A) To maintain the integrity of the root canal system during cleaning
 - (B) To create a tapered canal shape for easier obturation
 - (C) To prevent apical extrusion of debris
 - (D) To remove the coronal dentin to prevent contamination
- 115.** Which instrument is work well for severing pulp at the constriction level ?
- (A) K. File
 - (B) Barbed broach
 - (C) Reamer
 - (D) Hedstrom file



- 116.** A dentist examines maxillary central incisors of a 12-year-old child and finds small opaque paper white areas with less than 25% of tooth surface involved. What is the score as per Dean's fluorosis index (modified) ?
- (A) Normal
(B) Questionable
(C) Very mild
(D) Moderate
- 117.** The dentist manipulates certain information given to the patient in the course of treatment. Which ethical principle is breached here ?
- (A) Veracity
(B) Autonomy
(C) Justice
(D) Beneficence
- 118.** A dentist wants to find best treatment for a patient with early enamel caries. He searches literature and finds few publications. Which of the following is highest level of evidence in evidence based practice ?
- (A) Case report
(B) Expert opinion
(C) Randomised trials
(D) Systematic review and meta analysis
- 119.** A dentist plans a study to compare the effectiveness of two mouth rinses on plaque scores. She randomly assigns 30 patients into two groups, each receiving a different mouth rinse and measures plaque scores after 2 weeks. Which type of study design is this ?
- (A) Incident Study
(B) Cohort Study
(C) Randomized Controlled Trial (RCT)
(D) Case-control Study
- 120.** A dentist conducts a survey in a rural school to find the prevalence of dental caries among 6-12-year-old children. He finds that out of 200 children examined, 80 have at least one carious tooth. What is the prevalence of dental caries in this population ?
- (A) 0.4%
(B) 4%
(C) 40%
(D) 20%





- 121.** In the preadolescent children which of the following method can be used for Rapid Maxillary (Palatal) expansion ?
- (A) A split removable plate with a jack screw
 - (B) Hawley's appliance with split labial bow
 - (C) Tooth aligner
 - (D) All of the above
- 122.** Maximum Leeway space is provided by
- (A) Deciduous canine
 - (B) 1st deciduous molar
 - (C) 2nd deciduous molar
 - (D) Deciduous lateral incisor
- 123.** Removable appliances are most effective in
- (A) Severe crowding
 - (B) Rotation
 - (C) Correction of molar relationship
 - (D) Tipping movement
- 124.** Which Myofunctional appliance is more compatible with full time wear ?
- (A) Activator
 - (B) Bionator
 - (C) Twin block
 - (D) Frankel appliances
- 125.** Anterior bite plane is used for
- (A) Anterior cross bite
 - (B) Posterior cross bite
 - (C) Anterior deep bite
 - (D) Anterior open bite
- 126.** Necrosis of periodontal ligament and bone caused by pressure severe enough to force the root against bone leads to bone resorption from viable periodontal ligament and from marrow spaces is called as
- (A) Hyalinization
 - (B) Undermining resorption
 - (C) Central buttressing bone formation
 - (D) Peripheral buttressing bone formation
- 127.** Hard tissue laser is
- (A) Diode laser
 - (B) Nd : YAG laser
 - (C) CO₂ laser
 - (D) Er : YAG laser





- 128.** Sixth complication of Diabetes Mellitus is
- (A) Neuropathy
 - (B) Altered wound healing
 - (C) Periodontal disease
 - (D) Nephropathy
- 129.** The outermost cells of stratum spinosum contains numerous dense granules which are modified Lysosomes called as
- (A) G. Specific granules
 - (B) Desmosomes
 - (C) Azurophilic granules
 - (D) Keratinosomes
- 130.** Definitive subgingival curettage procedure performed with a knife is
- (A) Gingivectomy
 - (B) Kirkland flap
 - (C) Excisional new attachment procedure
 - (D) Interdental denudation procedure
- 131.** Which of the following medications has been shown to be an effective replacement for cyclosporine without causing gingival enlargement ?
- (A) Amlodipine
 - (B) Tacrolimus
 - (C) Felodipine
 - (D) Valproic acid
- 132.** Which of the following is a contraindication for performing sialography ?
- (A) Chronic enlargement of a salivary gland
 - (B) Allergy to contrast media
 - (C) Presence of a palpable mass in the parotid region
 - (D) Suspected sialolithiasis
- 133.** What is the recommended minimum distance an operator should maintain from the patient when adhering to the position-and-distance rule during an x-ray exposure ?
- (A) 3 Feet (1 M)
 - (B) 6 Feet (2 M)
 - (C) 9 Feet (3 M)
 - (D) 12 Feet (4 M)
- 134.** Which of the following structures is most likely to form a 'ghost image' on a panoramic radiograph ?
- (A) Mandibular ramus located within the focal trough
 - (B) Epiglottis located posterior to the center of rotation
 - (C) Earring located between the x-ray source and the center of rotation
 - (D) Hyoid bone within the focal trough





- 135.** What is the primary cause of partial volume artifact in CT imaging ?
- (A) Complete absorption of x-ray photons by metallic restorations
 - (B) Poly-energetic x-ray beams causing differential attenuation
 - (C) A single voxel representing tissues of different densities
 - (D) Excessive motion during image acquisition
- 136.** Which of the following is the correct description of "Extended preparation" in conservative dentistry ?
- (A) Preparation involving removal of excessive enamel for aesthetic purposes
 - (B) Preparation extending beyond the confines of the carious lesion to prevent recurrence
 - (C) A preparation method where only a small amount of tooth structure is removed to retain vitality
 - (D) A technique that maximizes tooth structure retention with minimal preparation
- 137.** Which of the following is considered the most reliable method to achieve effective disinfection in root canals ?
- (A) Sodium hypochlorite alone
 - (B) Laser activation combined with sodium hypochlorite
 - (C) Chlorhexidine gluconate alone
 - (D) Laser activation combined with chlorhexidine gluconate
- 138.** Which of the following is the most common cause of post-endodontic pain ?
- (A) Over-instrumentation of the root canal
 - (B) Inadequate obturation
 - (C) Accidental perforation
 - (D) Bacterial contamination of the root canal
- 139.** Which factor is least critical in determining the prognosis of endodontic treatment ?
- (A) The degree of root resorption
 - (B) The presence of periapical radiolucency
 - (C) The quality of root canal obturation
 - (D) The health status of the patient



- 140.** The first step in managing a fractured anterior tooth is
 (A) Radiographic examination
 (B) Immediate RCT
 (C) Crown placement
 (D) Extraction
- 141.** The most common cause of porosity in heat cure acrylic denture is
 (A) Polymerization shrinkage
 (B) Insufficient mixing of monomer and polymer
 (C) Processing under insufficient pressure
 (D) Water absorption during curing
- 142.** Which treatment is generally considered first line for myofascial pain in TMD ?
 (A) Arthrocentesis
 (B) Occlusal splint therapy
 (C) Botulinum toxin injection
 (D) Immediate orthodontic correction
- 143.** The distal most part of the denture on the lingual surface is influenced by which muscle ?
 (A) Masseter
 (B) Buccinator
 (C) Myoglossus
 (D) Superior constrictors
- 144.** Blockout done on buccal and lingual surface to locate plastic or wax pattern for clasp arm is known as
 (A) Parallel blockout
 (B) Arbitrary blockout
 (C) Shaped blockout
 (D) Relief blockout
- 145.** Boucher's method of relining is a
 (A) Open mouth technique
 (B) Chair side relining technique
 (C) Functional relining method
 (D) Closed mouth relining technique
- 146.** Identify the developmental and behaviour disorder consisting of abnormal development of social skills (withdrawal, lack of interest in peers), limitations in the use of interactive language (speech as well as nonverbal communication) and sensorimotor deficits (inconsistent responses to environmental stimuli).
 (A) Cerebral palsy
 (B) Autistic disorder
 (C) Bell's palsy
 (D) Epileptic disorder





147. Match the following.

Condition	Management/ Characteristic
1. Down syndrome	a. Avoid sudden loud noises, use sign language or lip reading
2. Hearing impairment	b. Macroglossia, delayed eruption, periodontal problems
3. Autism spectrum disorder	c. Short visits, gradual desensitization reduce sensory triggers

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

148. Which among the following is an absolute contraindication for extraction ?

- (A) Acute dentoalveolar abscess with cellulitis
 (B) Tooth that are hopelessly carious
 (C) Haemangiomas
 (D) Tooth with sinus opening

149. Which of the following is true about management of children with cleft lip and palate ?

- (A) Managed by paediatric dentist alone
 (B) Managed by plastic surgeon alone
 (C) Require multidisciplinary dental management
 (D) Managed by oral surgeon only

150. A presurgical orthopaedic appliance used in infants with cleft lip and palate to align the maxillary segments and reduce cleft gap before surgical repair



- (A) Nasoalveolar molding device
 (B) Palatal obturator
 (C) Speech bulb
 (D) Feeding plate



रफ़ कार्य / ROUGH WORK

SEAL



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SEAL

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