**中国地质大学（北京）继续教育学院**

**2021年秋季现代远程（网络）教育入学水平测试**

**《专升本理综合》练习卷**

**注意事项：1．考试时间100分钟**

**2．试卷共1大题**

**3．必须按试题顺序在“答题卡”上按要求填涂、作答，答在试卷上的答案无效。**

**一、单选题（本大题共144小题）**

**在每小题列出的备选项中只有一个符合题目要求的，请将其选出并将“答题卡”的相应代码涂黑，错涂、多涂或未涂均无分**

1.若集合( D)



A.



B.



C.



D.



2. He was extremely successful in his \_\_\_B\_\_\_\_ to write music that would please ordinary people.

A. admiration B. ambition

C. motivation D. reputation

3. 已知圆的方程为，则该圆的半径为（C ）.



A.



B.1

C.2

D.4

4. 已知一个简单多面体的各个顶点都有3条棱.设F,E,V分别表示多面体的面数,棱数,顶点数,则2F-V等于( B )

A.2 B.4 C.8 D.12

5.—I think you have too much luggage ,don’t you?

—Yes. But it’s not easy to decide what to \_\_\_D\_\_ behind.

A.take B.turn C.keep D.leave

6.设的图像在x轴上方的充要条件是（　D）



A.-1＜x＜1　　　　　　　　　　 B.x＜-1或x＞1

C.x＜1　　　　　　　　　　　　 D.-1＜x＜1或x＜-1

7.复数的虚部为 （B ）



A.i B.-i C.1 D.-1

8.–Alice, why didn’t you come yesterday?

--I \_\_C\_\_\_\_\_,but I had an expected visitor.

A.A had B. would

C. was going to D.D did

9.三棱锥的三条侧棱PA.PB.PC两两互相垂直，且长度分别为3.4.5，则三棱锥外接球的表面积是( C )



A.



B.



C.



D.



10. The trees \_\_B\_\_\_ in the storm have been moved off the road.

A. being blown down B.blown down

C. blowing down D. to blow down

11.函数的图像按向量的解析式,当为奇函数时，向量可以等于 （D ）



A.



B.



C.



D.



12. \_\_\_\_C\_\_\_\_\_ I explained on the phone, your request will be considered at the next meeting.

A.When B.After C.As D.Since

13.设为单元素集，则t值的个数是 （ D）



A.1 B.2 C.3 D.4

14.面对新形势新任务，我们党要更好的统筹国内国际两个大局，这两个大局是指（B ）。

A.中国特色社会主义建设大局和新时代发展之大变局

B.世界百年未有之大变局和中华民族伟大复兴战略全局

C.正确处理改革、发展和稳定之间的关系

D.“五位一体”总体布局及“四个全面”战略全局

15.He said he would give me the money, but he \_\_\_B\_\_\_\_\_ hasn’t given it to me.

A.yet B.still C.already D.too

16. － \_\_\_\_\_David come to see you ?

－ Of course, please. And I’d rather he \_\_B\_\_\_ me the truth.

A. Will; inform B. Shall; told

C. Should; will tell D. Can; covers

17.习近平总书记的重要讲话中被称为党史学习教育第一课的是（D ）。

A.《习近平给上海市新四军历史研究会百岁老战士们的回信》

B.《立志做党光荣传统和优良作风的忠实传人 在新时代新征程中奋勇争先建功立业》

C.《坚定不移走高质量发展之路 坚定不移增进民生福祉》

D.《学党史悟思想办实事开新局 以优异成绩迎接建党一百周年》

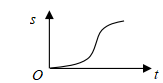
18.给出下面四个命题：①“直线a.b为异面直线”的充分非必要条件是：直线a.b不相交；内所有直线”的充要条件是：；的充分非必要条件是“a垂直于b在平面内的射影”；的必要非充分条件是“直线至少平行于平面内的一条直线”.其中正确命题的个数是（B　）



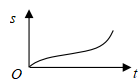
A.1个　　　　 B.2个　　　　 C.3个　　　　　 D.4个

19.汽车经过启动.加速行驶.匀速行驶.减速行驶之后停车，若把这一过程中汽车的行驶路程看作时间的函数，其图像可能是 （A ）

A.



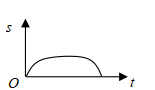
B.



C.



D.



20.已知a＞b＞0，全集为R，集合，，则有（A　）



A.



B.



C.



D.



21. The Chinese people first \_\_\_A\_\_ paper in the world.

A.invented B.discovered

C.made D.did

22.党史学习教育要学本领，学的是斗争本领和（B ）。

A.保持创新性的本领 B.保持先进性的本领 C.保持革命性的本领 D.保持人民性的本领

23. Lianzhan said that people in Taiwan and Mainland must try hard to understand each other, and \_\_\_D\_\_\_ misunderstanding.

A. do away B. do up

C. clear away D. clear up

24. It’s too cold here. Let's make a fire ourselves up.( C )

A. warm B. warming C. to warm D. warmed

25.在中国共产党成立100周年这样伟大的时刻，我们党积极开展了“四史”学习系列活动，这“四史”是指（A ）。

A.党史、新中国史、改革开放史、社会主义发展史

B.《史记》、《汉书》、《后汉书》和《论语》

C.党史、新中国史、改革开放史、社会主义建设史

D.党史、新主主义革命史、改革开放史、社会主义发展史

26.我们党的百年历史，就是一部（B ），就是一部党与人民心连心、同呼吸、共命运的历史。

A.践行党的时代任务的历史 B.践行党的初心使命的历史

C.践行党的远大理想的历史 D.践行党的创新理论的历史

27. \_\_\_\_D\_\_\_\_ is often the case, we have worked out the production plan.

A. Which B. When C. What D. As

28.The answer is connected with the main use \_\_D\_\_\_ the body makes of food—to supply the energy for movement.

A.where B.why C.what D.which

29. When water , it will be changed into vapour. (A )

A. is heated

B. was heated

C. will be heated

D would heated

30. 若函数对任意实数(A )



A.0 B.1 C.－1 D.不能确定

31.Shirley said that she would have a two-week holiday in July, \_D\_\_\_\_\_ I think, is impossible.

A.it B.that C.when D.which

32.党史是一门什么样的学科（ A）。

A.党性和科学性相统一的学科 B.党性和革命性相统一的学科

C.党性和创新性相统一的学科 D.党性和实践性相统一的学科

33.在极坐标系中，已知点，下列各点中与点P重合的共有(B )



A.1个 B.2个 C.3个 D.4个

34.若a,b是异面直线，则下列命题中是真命题的为（D ）



A.l与a.b分别相交 B.l与a.b都不相交 C.l至多与a.b中的一条相交 D.l至少与a.b中的一条相交

35. （D ）



A.



B.



C.



D.



36. It was believed that things would get worse, but \_\_D\_\_ it is they are getting better.

A. before B. after C. because D. as

37. 设函数( D ).



A.



B.1

C.2

D.



38.的值域是( C ).



A.



B.



C.



D.



39. 若=（A ）.



A.



B.



C.



D.



40.Where did you get \_\_\_\_\_\_A\_\_ car of\_\_\_\_\_\_\_\_?

A. this; yours　　 B. the; you

C. a; yours　　　　 D. a; you

41.已知为等差数列，且( B )



A.－2

B.



C.



D. 2

42. The girl who is kept \_\_\_\_C\_\_\_\_\_ the nurse has \_\_\_\_\_\_\_ ill since last week.

A. in the charge of; fallen

B. in charge of; been

C. in the charge of; been

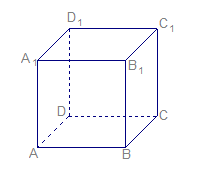
D. taken charge of; fallen

43.习近平新时代中国特色社会主义的核心要义是（C ）。

A.坚持以人民为中心 B.什么是中国特色社会主义，怎样坚持和发展中国特色社会主义

C.坚持和发展中国特色社会主义 D.“八个明确”和“十四个坚持”

44.三棱柱中，P、Q分别为侧棱上的点，且则四棱锥的体积之比是（B）



A.



B.



C.



D.



45. Who \_\_A\_\_\_\_\_\_ the picture? It’s upside-down.

A.hung B.hang C.hanged D.hanging

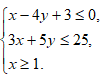
46.一个容量为20的样本，数据的分组及各组的频数如下：（10，20]，2；（20，30]，3；

（30，40]，4；（40，50]，5；（50，60]，4；（60，70]，2. 则样本在区间（10，50]上

的频率为 （B ）

A.0.5 B.0.7 C.0.25 D.0.05

47.不等式组所表示的平面区域图形是 （A ）



A.第一象限内的三角形 B.四边形 C.第三象限内的三角形 D.以上都不对

48. ---- He looks hot and dry .

---- So you if you had a temperature of 40℃.( A )

A. would B. may C. must D. should

49.There are \_\_\_\_\_D\_\_\_ no trees in this poor area.

A.hardly B.nearly C.mostly D.almost

50.定义在上的偶函数满足：对任意，则（A ）



A.



B.



C.



D.



51. \_\_A\_\_\_I am pleased to go to his birthday party and I will bring him a very beautiful present.

A.If invited B.If he were invited

C.If he invited D.Being invited

52. People in the west make \_\_B\_\_\_\_ a rule to buy Christmas presents for their relatives and friends.

A. that B. it C. this D. as

53. 复数在复平面内的对应点位于 ( D )



A.第一象限 B.第二象限 C.第三象限 D.第四象限

54.已知函数，则直线的斜率为（B ）



A.1

B.



C.



D.﹣1

55.—I never thought the film would be so bad.（A ）

— .

A.No ,neither did I

B.Yes ,I also never thought

C.Yes ,so did I

D.No ,I didn’t neither

56. I spoke that slowly but I didn’t \_\_\_\_\_my meaning \_\_\_\_\_\_.（B）

A. come…across B. get…across

C. get…about D. get…ahead

57.直平行六面体的棱长均为2，，则对角线与侧面所成角的正弦值为 （D ）



A.



B.



C.



D.



58.一Where do you prefer to work after graduation?

一I’ve made up my mind to go\_\_\_\_\_ I’m most needed.( A )

A. where B.to where

C.to the place D.to which

59. ----- What’s made you so upset ?

---- \_\_\_\_\_\_ three tickets to the pop music concert...( B )

A. Lost B. Losing

C. Because of losing D. Since I lost

60. \_\_\_\_\_ ,the dancers practice hard to make their dreams come true ..( C )

A.Instead of being disabled

B.Being disabled

C.Disabled as they are

D.In case of being disabled

61.已知，满足的关系是 （ C）



A.



B.



C.



D.



62. The smile on Dad’s face suggested that he \_\_\_C\_\_\_\_\_ satisfied with what his son had done.

A. should be B. is

C. was D. be

63.我们党长期执政面临着“四大考验”、“四大危险”，以下说法正确的是（A ）。

A.精神懈怠危险 B.能力过剩危险 C.无视群众危险 D.消极工作危险

64. （C ）.



A.



B.



C.



D.以上都不对

65.There is no doubt \_\_D\_\_\_ you will be welcomed warmly.

A.how B.why C.if D.that

66. Honesty is \_\_\_C\_\_\_\_\_ he is born with.

A. that B. which C. what D. when

67. 数列的前n项和为( A ).



A.



B.



C.



D.



68.已知等于 （ B）



A.



B.



C.



D.



69. They sell many kinds of \_\_\_C\_\_\_\_\_ in the shop.

A.watchs B.watch C.watches D.watch’s

70.已知为三角形的一个内角，且表示（B ）



A.焦点在x轴上的椭圆 B.焦在点y轴上的椭圆

C.焦点在x轴上的双曲线 D.焦点在y轴上的双曲线

71. We should know that we can only reach the top if we are ready to \_A\_\_\_ and learn from failure.

A. deal with B. depend on

C. carry on D. go with

72.等差数列中，若（ B）



A. 15 B.10 C.20 D.40

73. 命题“若一个数是负数，则它的平方是正数”的逆命题是（ A）

A.“若一个数是负数，则它的平方不是正数” B.“若一个数的平方不是正数，则它不是负数”

C.“若一个数不是负数，则它的平方不是正数” D.“若一个数的平方是正数，则它是负数”

74.坚持以人民为中心，要把（ C）作为法治的生命线。

A.依法执政 B.依法行政 C.公平正义 D.大公无私

75. They told us that these small apples are often sweeter than big \_D\_\_\_.

A. those B. one C. that D. ones

76.到椭圆右焦点的距离与到定直线距离相等的动点轨迹方程是(A)



A.



B.



C.



D.



77.He promised to do that for me \_\_\_A\_\_ I allowed him \_\_\_\_\_ for a few days .

A.on condition that ; to leave

B.on condition if ; to leave

C.on condition that ; leaving

D.on the condition if ; leaving

78.的值为 （A ）



A.0

B.



C.1

D.



79.a.b是两条异面直线，下列结论正确的是 （D ）

A.过不在a.b上的任一点，可作一个平面与a.b都平行 B.过不在a.b上的任一点，可作一条直线与a.b都相交

C.过不在a.b上的任一点，可作一条直线与a.b都平行 D.过a可以且只可以作一个平面与b平行

80. 已知抛物线,则它的焦点坐标是(D )



A.



B.



C.



D.



81.—I didn’t know you were good friends .

—You \_\_C\_\_\_\_ .I have known her since she moved here. You were studying abroad then.

A.may have B.needn’t have

C.couldn’t have D.must have

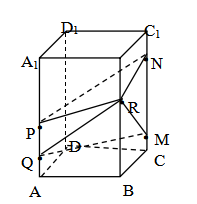
82. ---- My sister is a typist at a foreign firm.

---- I know this sort of work \_\_B\_\_\_ skill and speed.

A. asks for B. calls for

C. looks for D. waits for

83.如图，正四棱柱中，AB=3，.长为1的线段PQ在棱上移动，长为3的线段MN在棱上移动，点R在棱上移动，则四棱锥的体积是（A ）



A.6 B.10 C.12 D.不确`定

84. 设全集(A )



A.



B.{4}

C.{1,3}

D.{2,5}

85. \_\_\_B\_\_\_ different life today is from \_\_\_\_ it was 20 years ago.

A. What a ,what B. How ,what

C. What ,what D. What a ,how

86. It is said in Australia there is more land than the government knows \_\_C\_\_.

A. it what to do with B. what to do it with

C. what to do with it D. to do what with it

87. \_\_A\_\_\_, the bookseller gave him something else as a present.

A. To the boy's delight

B. To the boy's surprising

C. To the boy joy

D. To make the boy's happy

88.抛物线的焦点坐标是（B ）



A.



B.



C.



D.



89.设表示不超过X的最大整数(例,则不等式的解集为(B )



A.(2,3) B.[2,4) C.[2,3] D.[2,4]

90. It is almost five years we saw each other last time.(B )

A. before B. since C. after D. when

91. Take an umbrella when you go to Guangzhou because it rains \_\_\_B\_\_ there.

A. many times B. frequently

C. over again D. enough

92. Some of the equipment came from Canada. How about \_\_D\_\_?

A. another B. the others

C. the other D. the rest

93.已知双曲线的顶点与焦点分别是椭圆的焦点与顶点，若双曲线的两条渐近线与椭圆的交点构成的四边形恰为正方形，则椭圆的离心率为(D )



A.



B.



C.



D.

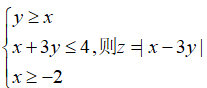


94. 的展开式中的常数项是（　A　）



A.84 B.-84 C.36 D.-36

95. 设变量满足约束条件：的最大值为 （　B　）



A.10 B.8 　 C.6 D.4

96.—Are you ready to leave?

—Almost ,Just as soon as I \_\_A\_\_\_ putting the clean dishes away.

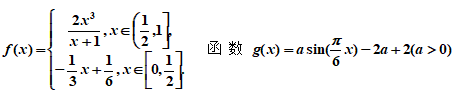
A.get through B.give up

C.carry out D.set about

97. Xiamen is\_\_\_\_B\_\_ most beautiful coast city and I believe I will come for\_\_\_\_\_\_ second time.

A. the, an B. a, a C. the, the D. a, the

98. 已知函数，若存在成立，则实数a的取值范围是(C )



A.



B.



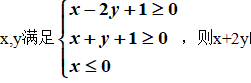
C.



D.



99. 已知实数的最大值是（D ）



A.-1

B.



C.0

D.1

100. ---- Do you know that woman in blue?

---- Of course, she is kind and always \_\_B\_\_\_ beautiful smiles on her face.

A. having on B. wears

C. put on D. dresses

101. ---- Do you think \_\_D\_\_\_ seems to be any need for us to get there?

---- Yes, I think so.

A. it B. this C. what D. there

102. Bill daren't say such things, ?(B)

A. will he B. dare he C. shall he D. does he

103. Helen was much kinder to her youngest son than to the others, , of course , made the others envy him .(D)

A. who B. that C. what D. which

104. ---- Why didn’t you put your cellphone in your overcoat pocket?

---- I \_\_\_\_\_, but I was afraid it would be stolen.(C)

A. had put B. put

C. would have D. could have

105.In which play of Shakespeare’s is it \_\_D\_\_\_ Viola appears?

A.where B.which C.who D.that

106. —Won't you go shopping with your mother？(D)

— she promises to buy me a new sweater.

A.Now that B.In case C.If D.Unless

107. 椭圆的两个焦点为.，且椭圆上的点P满足：(A)



A.



B.



C.



D.



108.我国社会主要矛盾己经发生了根本性变化，这个主要矛盾是什么（ D ）。

A.帝国主义与中华民族之间、封建主义与人民大众之间的矛盾

B.落后的农业国与先进的工业国之间、人民日益增长的物质文化需要与落后的社会生产之间的矛盾

C.人民日益增长的物质文化需要与落后的社会生产之间的矛盾

D.人民日益增长的美好生活需要与不平衡不充分的发展之间的矛盾

109.设椭圆的两个焦点分别是，短轴的一个端点为B，则的周长是（A）.



A.



B.



C.2

D.3

110. They say your sister is easy .(B)

A. to get along

B. to get along with

C. to get along with them

D. to get along with her

111. Tough \_\_\_\_\_C\_\_\_\_\_ the task was, we \_\_\_\_\_\_\_ finish it ahead of time and therefore we were highly praised for it.

A. though; would B. although; had to

C. as; were able to D. though; must

112.已知锐角的面积为，，则角的大小为 （C ）



A. 75° B.60° C.45° D.30°

113. -“Do you follow the doctor’s advice that you should lie in bed for a rest?”

-“\_\_\_C\_\_.”

A. Yes , I will. B. No , I am not.

C. Yes, perfectly. D. No, I haven’t.

114. \_B\_\_ nice, the food was sold out soon.

A. Tasted B. Tasting

C. To taste D. Being tasted

115. As long as the sun shines, the earth will not \_\_C\_\_\_ energy.

A. short of B. be lack of

C. run out of D. in need of

116.正方体的全面积为24，球O与正方体的各棱均相切，球O的体积是(D)

A.



B.



C.



D.



117. Both \_\_\_\_ and \_\_C\_\_\_ laughter do harm to your health.

A.burst out crying ; burst into

B.to burst out tears ; to burst into

C.bursting into tears; bursting into

D.bursting into crying ; bursting out

118. 在直角坐标系中，过点的切线，则切线长等于(C ).



A.2

B.6

C.



D.



119. Jack felt unhappy as they all went outing \_C\_\_\_ him.

A. except B. but C. without D. besides

120.设是双曲线的两个焦点，点P在双曲线上，且的值等于（ A）



A.2

B.



C.4

D.8

121.已知函数的图像关于点（-1，0）对称，且当时，，则当的解析式为（　B）



A.



B.



C.



D.



122.函数相邻两条对称轴的距离为 （　C　）



A.



B.



C.



D.



123. 已知角的终边在（B ）.



A.第一象限 B.第二象限 C.第三象限 D.第四象限

124.已知双曲线，点A在双曲线第一象限的图象上，若的面积为1，且，则双曲线方程为（A　）



A.



B.



C.



D.



125.He \_\_\_B\_\_\_\_\_ the same mistake again and again.

A.did B.made C.had D.tried

126.设集合则下列关系中正确的是 （B ）



A.



B.



C.



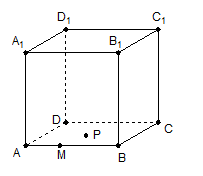
D.



127. 如图，正方体的棱长为1，点M在棱AB上，且，点P是平面上的动点，且动点P到直线的距离与点P到点M的距离的平方差为1，则动点P的



轨迹是（　B　）



A.圆 B.抛物线 C.双曲线 D.直线

128. 如,那么(C)



A.



B.



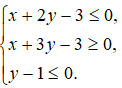
C.



D.



129.已知变量满足约束条件 若目标函数仅在点处取到最大值，则实数的取值范围为（B ）



A.



B.



C.



D.



130.已知都是定义在R上的函数，且满足以下条件：



若则等于(D)



A.



B.2

C.



D.



131. ---- Are you sure he is able to do the job well?

---- \_C\_\_\_\_he would give his mind to it.

A. In case B. Until C. If only D. Unless

132. The two old sisters，\_\_\_B\_\_\_\_ so long，held each other and burst into tears.

A.being separated

B.having been separated

C.having separated

D.had been separated

133.The new type of cellphone \_\_A\_\_\_ better if it is advertised on TV.

A.will sell B.sells

C.would sell D.sold

134.已知的必要条件是，则之间的关系是(A)



A.



B.



C.



D.



135. 过抛物线的焦点作直线交抛物线于两点，若等于（A　）



A.4p　　　　　 B.5p　　　　　 C.6p　　　　　 D.8p

136. ——Good evening. I \_C\_\_\_ to see Miss Jessic.

——Oh! Good evening. I'm sorry, but she is not in.

A. came B. come

C. have come D. had come

137.若，则的取值集合为 （ B）



A.



B.



C.



D.



138. — When will you leave for Paris for a visit?

— \_\_B\_\_\_\_ next month.

A. Until B. After C. At D. In

139. ——Tom, you are caught late again.

——Oh, \_\_B\_\_.

A. not at all B. just my luck

C. never mind D. that's all right

140. - Have you rung Professor Li?

- Last week I \_\_\_\_\_\_\_ him for our next meeting but I \_\_D\_\_\_\_\_\_\_.

A. rang, forgot

B. could have rung, forget

C. rang, forget

D. should have rung, forgot

141.Although punctual himself , the professor was quite used \_\_D\_\_\_late for his lecture .

A.to have students B.for students’ being

C.for students to be D.to students’ being

142.化简( A ).



A.



B.



C.



D.b

143. ---What new subject are you going to have in \_\_B\_\_\_second grade?

---I' m going to learn second foreign language.

A. a; the B. the; a C. the; 不填 D.不填; a

144. The thermos is used for \_\_\_B\_\_\_\_\_\_ water hot.

A.to keep B.keeping C.keep D.kept

It is agreed that constant arguing doesn’t \_\_\_\_\_ a happy marriage.

  A. make out      B. make for            C. make up          D. make up for